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Volume 132 OCTOBER 11, 1937 Number 15

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 132 OCTOBER 11, 1937 Number 15

Japan Considering Imports Restriction

Chemicals and Related Products Among Articles That May Be Banned

WASHINGTON, Oct. 7, 1937.

An unofficial list of commodities which Japan may refuse to import in order to conserve foreign exchange for military purposes was received by the Department of Commerce today.

The list is based only on reports in Japanese newspapers; the Tokyo government has not yet made an official announcement of what imports will be prohibited and what others will be admitted only in limited quantities under permit. Such an announcement is expected to be made by October 10.

The list received today covers 273 tariff paragraphs, some of them including large groups of items. This list of articles the importation of which may be forbidden by the Japanese government includes the following commodities:—

Cornstarch; curry, powdered and otherwise; mustard, powdered and otherwise; dried milk; peptone, somatose, hemoglobin, and similar tonic foods; eggs, powdered; groundnut oil; codliver oil; lard compound; stearin; olein; vegetable tallow made from seeds of *Rhus vernicifera; Rhus succedonea,* or *Stillingia sebifera;* carnauba wax; candles; soaps, perfumed and others; oils, fats, waxes, perfumed, and preparations made from them; perfumed waters.

Isinglass; acetic acid; lactic acid; oxalic acid; tartaric acid; bicarbonate of soda; peroxide of soda; silicate of soda; chlorate of soda; iodide of soda; chloride of barium; peroxide of barium; peroxide of hydrogen; alum; ferrocyanide of soda; ferricyanide of soda; carbonate of ammonia; bicarbonate of ammonia; rongalite, blankit, decrolin, and similar reducing agents; dextrin; baking powder.

Alcoholic medicinal preparations; artificial musk; vanillin, coumarin, heliotropin, and similar aromatic chemicals, n.o.p.; toothpowder, toilet powders, and other prepared perfumeries; chewing gum; fireworks, matches; indigo, natural, dry and in liquid and paste; caramel; artificial indigo; prussian blue; lithopone; chalk or whiting; shoe polish; inks, for writing and other uses than printing; black solid inks and red solid inks, Chinese; chalk crayons, and tailors' chalk; sealing wax; linoleum; silica sand; manufactures of gypsum; plate or sheet glass; plate glass having inlaid metal wire or mesh; mirrors; celluloid and manufactures thereof; galalith and manufactures thereof; malt.

Revenue Bureau Promotes Kennedy in Alcohol Unit

W. H. Kennedy has been appointed Assistant Deputy Commissioner of the Bureau of Internal Revenue in charge of the permissive work of the Alcohol Tax Unit. He was formerly assistant supervisor in charge of permits in the Chicago district. He succeeds L. B. Connell, who becomes supervisor of the St. Paul district, replacing S. B. Quale, recently deceased.

John Philip Wenchel has been appointed assistant general counsel of the bureau, succeeding Morris Shafroth, who resigned along with his assistant, Russel J. Ryan. Huntington Cairns has been promoted to assistant general counsel in charge of the opinion section.

Homes Building Makes Big Jump

Residential construction in cities of 10,000 inhabitants or over so far this year has outstripped 1936 by a large margin, according to a report of the Federal Home Loan Bank Board. For the first eight months of 1937 residential construction in those cities totaled 119,891 units, an increase of 16,581 over the same period last year.

Chain Store, Cosmetic Taxes in High Court

Labor Board, F.T.C. Authority, Power Plans, Soap Patents Also on Docket

WASHINGTON, Oct. 4, 1937.

Many cases of interest to business were on the docket of the Supreme Court of the United States as the Court opened its Fall term today, but a large number of the requests for review of lower cout decisions probably will be denied during the next few weeks.

The constitutionality of part of the Kentucky luxury sales tax is contested in a case filed by J. Bacon & Son, Louisville retailer, attacking that part of the law which levies a tax on the receipt of cosmetics by a Kentucky retailer equal to 20 percent of the invoice price plus transportation costs. The company contends that this application is unconstitutional because it places a burden on interstate commerce.

In another case Lever Brothers is appealing a lower court finding that in its sale of "Rinso" it infringed a patent for the manufacture of soapflakes owned by the Colgate-Palmolive-Peet Company and the Procter & Gamble Company.

The first case on the docket is a reargument of the suit brought by the Atlantic Refining Company against the State of Virginia contesting the Virginia business privilege tax as applied to a foreign corporation in that it requires payment of an entrance fee to do business in the State, measured solely by the corporation's total authorized capital stock and not on the capital used or business done within the State.

The North Carolina chain store tax as applied to certain of its filling stations is attacked by Shell Eastern Petroleum Products, Inc. State officials ruled that filling stations operated under lease for contract with the Shell company are sufficiently under its control to classify them as parts of a chain and therefore subject to the chain store tax.

The Federal Trade Commission is seeking review of a circuit court decision refusing to uphold its cease and desist order against the Standard Education Society charged with misrepresentation in claiming to give encyclopedias free to persons who subscribe to yearly supplements. This case not only involves the use of so-called "free goods" as premiums, but also has a bearing on the general powers of the commission, as the circuit court criticized it for "a too solicitous censorship" over usual business practices.

The court also has on its docket four cases involving the constitutionality of the administration's electric power program, under which municipalities are given loans and grants for the construction of power projects which compete with private companies; half a dozen cases involving the power of the National Labor Relations Board; three cases challenging the constitutionality of the commodities exchange act of 1936; several cases involving the powers of the Securities and Exchange Commission; the attempt of the Aluminum Company of America to prevent the Department of Justice from reopening its 1912 antitrust consent decree; and a number of other cases of general public interest.

Tung Farm Workers Not Taxed

WASHINGTON, Oct. 7, 1937.

Services performed on farms in planting and cultivating tung trees and harvesting tung nuts constitute agricultural labor and are therefore exempt from social security taxes, it was ruled today by the Bureau of Internal Revenue.

Casein production has been started in a recently completed plant on the outskirts of Glasgow, Scotland. Surplus milk from the city's supply is used.

N.W.D.A. Votes Cooperation In Control Efforts of F.T.C.

Extension of Commission's Functions to Advertising Favored—Vigorous Selling Urged on Members—Buck Is President

WHITE SULPHUR SPRINGS, Oct. 7, 1937.

Full approval of cooperation with the Federal Trade Commission in its attempts to elevate the standards of business ethics and to eliminate unfair competitive practices was voted by the National Wholesale Druggists' Association at its sixty-third annual meeting here today. The association also voted approval of legislation to amend the Federal Trade Commission act so as to extend the jurisdiction of the commission to cover advertising and unfair trade practices.

The convention expressed appreciation to the Federal Trade Commission and to Hon. William A. Ayers, its chairman, for his attendance and address before the meeting; active members were advised to give consideration to the products of associate members when working out their plans for distributing and selling merchandise and to the development of an expanded and more highly trained sales force, and to undertake the inauguration of training departments in order that by 1947 the association's wholesalers will have a total sales force of 5,000 men and will produce an annual volume of wholesale drug business of one billion dollars.

The association re-affirmed its position with respect to new food and drug legislation that would safeguard the health and welfare of the public; and voted to continue efforts to have regulations to exempt narcotics modified and to have regulations 52a and 52b used to record transactions in the sale of alcoholic liquors simplified.

By resolution and endorsement of recommendations of officers and committees, following approval by the board of control, the association also took the following actions:—

Approved continued cooperation in the efforts being made to reestablish the work of the Druggists' Research Bureau and empowered the board of control to give such financial aid as seems proper to promote the carrying on of scientific research on retail drug store handling costs, on the part of research workers in some of the leading schools of business.

Employee Relations

Stressed the importance of the work of the committee on employment and welfare in view of the fact that recent labor activities have in many cases impaired long-standing feelings of mutual confidence between owner and management on one hand and employees on the other. Management was urged to exercise patience, firmness, and forbearance to make employees realize that their employers are their best friends.

Recommended the preparation of a new educational chemical map of the United States suitable for use for display by retail pharmacists and prepared in a manner to promote the welfare of professional pharmacy and create a better appreciation on the part of the public for the services rendered by the pharmacist.

(Continued on page 34)

J. Mahlon Buck
New N.W.D.A. President

Grease Uses Expansion To Be Pushed by Group

National Institute Will Set Up Committees for Wider Development

CHICAGO, Oct. 6, 1937.

The National Lubricating Grease Institute, at its fifth annual convention, held here October 4 and 5, took action looking to promoting the expanded use of greases and allied lubricants. Committees will be appointed to develop a comprehensive program to be pushed vigorously. Numerous suggestions were made in addresses during the convention pointing out various needs for the wider development of the industry.

W. S. James, chief engineer for the Studebaker Corporation, South Bend, Ind., advanced a suggestion of a single lubricant for all automobile chassis needs as a plan for simplification of lubrication problems confronting grease makers and distributors. He said it could be accomplished at a considerable cost, due to necessity for redesigning of cars, etc. It would require eight to ten years of use of such cars commercially universal, he said.

H. C. Mougey, chief chemist of the research laboratory division of the General Motors Corporation, reported on hypoid gear development, as of interest to the institute. He said such gears have been used for 14 years but only on axles of cars of large production for a short time.

O. L. Maag, lubrication engineer for the Timken Roller Bearing Company, said lubrication no longer is just a messy job to be handled by any laborer. Lubricants must be properly applied as well as properly compounded, he said.

J. S. Keller, of the Chek-Chart Corporation, recommended action to the institute to solve its problems. He said the industry should be informed of present lack of proper distribution of essential lubricant products; should prepare special publicity articles to reach the public on lubrication; should recommend specific procedure for each oil company on checking-up on outlets, instruction and education; should do consumer advertising over its own signature; and should keep in continuous contact with the automotive industry.

(Continued on page 52)

Closing Market Developments

London Closing Cable

LONDON, Oct. 8, 1937.

Quicksilver was quoted £13 5s per flask. Stocks of shellac on October 1 totalled 143,336 packages, of which quantity 141,310 packages were orange gum.

Curacao Aloe Higher

Prices on Curacao aloe were higher at 32c. to 33c. per pound late last week. The primary market has been rising of late because of the crop being considerably smaller than had been expected.

Whale Oil Cargo

The Norwegian tanker Thorshaven was due to arrive at this port late last week with 6,000 tons of whale oil.

Cottonseed Oil Lower

Refined cottonseed oil futures had a downward trend on Friday, December dropping to 6.93c., January 6.95c. and March 6.98c. under general selling on the government crop report for October putting the yield at 17,573,000 bales against 16,098,000 bales a month earlier and a production of 12,399,000 bales last year. Cotton and lard also declined sharply.

Tin Salts Lower

Tin derivatives were lower at the close of the week, reflecting a sharp break in the price for Straits tin. Straits tin recovered late Friday, but the gain was not sufficiently large to bring about a change in prices for the various derivatives. Straits tin was 54⅞c. per pound; soda stannate, 35½c. to 38½c. per pound; tin crystals, 40c. to 40½c. per pound; and anhydrous tetrachloride of tin, 27½c. per pound.

Paint Styles of U.S. Mapped for Convention

What are the paintable surfaces on the types of houses which predominate in the New England States, in the Central States, in the West? What actually are the architectural types in these and other sections of the country? How great are the architectural and structural contrasts in various adjacent States constituting a single paint sales market?

These questions will be answered in visual form by means of a map of the United States, constructed of photographs, shown at the coming convention of the National Paint, Varnish and Lacquer Association in Cincinnati as part of the program sponsored by the newly formed Council for Paint Styling. This program is scheduled for the trade sales session the afternoon of October 28.

Horace S. Felton, chairman of the Council for Paint Styling, in announcing this unique geographical analysis of paintable surfaces, said that M. Rea Paul, chairman of the technical and fact-finding subcommittee, and his associates had been gathering data for the map for several months. Its construction is in charge of the publicity and presentation subcommittee, of which Stanley C. Dunning is chairman.

A unique display of architectural types is promised by those who have seen the results of the nation-wide search for photographs conducted by representatives of members of the national association, under the direction of Mr. Paul and his committee. It being the purpose of the Council for Paint Styling to provide material that will assist individual manufacturers in a proper approach to color problems, the fact-finding subcommittee felt that a logical first step was to show to manufacturers where and how their materials were applied after they left the shelves. Possessed of a knowledge of architectural types in the areas in which their goods are sold, the various companies, it is believed, will be enabled to plan sales and merchandising campaigns based on styling suggestions which the council will issue from time to time in a way that will materially improve their business. An analysis of the map display will be given by Mr. Paul in a report to the convention.

As already announced, the program of the Council for Paint Styling will include the presentation by Herbert Thompson Strong, color expert, of his demonstration of the unseen magic of color by means of the ultraviolet ray and polarized light. In conjunction with the discussion of how styling with paint and color can be of direct benefit to the paint industry, the whole subject of American color trends in all industries will form part of the trade sales program.

Chemical Prices Held Steady

There was little price activity in the markets for heavy and fine chemicals last week. Of the few changes made, the majority were reductions; but these were chiefly of minor importance.

Quiet trading was the rule and active spots were few. An improved inquiry for toluol was in evidence, but demand for benzol and phenol was a little slower. Activities in consuming industries generally speaking, when checked against the light movement of materials, indicated that inventories were being worked up.

Prices were advanced on codliver oil and on bonemeal at Chicago. Prices were reduced on antimony metal, quicksilver, rosins, dried blood, domestic and imported bone in the East, Japanese sardine meal, domestic tankage at New York, and menhaden meal at Baltimore. T.N. and superfine shellac were also lower.

The REPORTER'S composite index number was unchanged, standing at 127.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 90.3, against 89.0 at this time last year.

Phila. Drug Exchange Holds Fall Golf Outing Oct. 13

The Philadelphia Drug Exchange will hold its Fall outing October 13 at the Plymouth Country Club, Norristown, Pa., and all members are urged to make their reservations immediately, if they have not done so, that proper arrangements can be made for the golfers, the dinner and all of the indoor sports.

The entertainment committee has made excellent arrangements for those who go by railroad, on either the Pennsylvania, the Reading, or the Philadelphia & Western Railway. If such members will telephone the Dill Company (Norristown 2512) and advise the time of arrival at Norristown, and the railroad taken, an automobile will be at the station, distinctly marked, to take them to the club.

Contents of This Issue

News and Statistics

Benzoin Rosin Test Deleted from U. S. P. 52
Bopf-Whittam Corporation In Its New Plant 42
Chain Store Cosmetic Taxes in High Court 3
Chemical Imports at Low Level 5
Calcium Hypochlorite Cost Probe Refused 31
Douglas Will Head McGill University 30
Elko Chemical Formed, Headed by L. E. Kolker 31
F.W.D.A. Golf Winners 31
Grease Uses Expansion to Be Pushed by Group 3
Homes Building Makes Big Jump 3
Japan Considering Imports Restriction 3
Joseph Mathias Will Rest 42
Kessler Appoints St. Louis Agent 35
Lundell Heads Standards Chemistry Unit 4
Marihuana Regulations Issued by U. S. Bureau 56
Man-Made Molecules Appraised by Midgley 35
McDonald to Speak at Badanes Dinner 35
Malmstrom Lanolin Is Placed with Thompson-Haywood Co. 42
N.W.D.A. Votes Co-operation in Control Efforts of F. T. C. 3
N.P.V.L.A. Issues Convention Program 5
New England Paint Club Elects Morton President 41
Oil Jobbers Charge Alcohol Price-Fixing 4
Organic Chemicals by Electrolysis. 5
Oil Marketers Denied C. D. Alcohol in Cars 31
Petroleum Production 56
Petroleum Market Status 55
Paint Styles of U. S. Mapped for Convention 4
Paint Queries to Be Discussed by F. P. V. C. 5
Philadelphia Drug Exchange to Hold Outing October 13 4
Paint-Allied to Give Dinner Dance. 4
Revenue Bureau Promotes Kennedy in Alcohol Unit 3
Remington Medal to Leon Lascoff Oct. 25 31
Soybean Cake Duty Raise Sought 45
Sterling Products Reported Dealing for British Firm 31
Tung Farm Workers Not Taxed 3
Venereal Preventives Will Be Scrutinized 45

General Features

Advertisers' Index 65
Bids Wanted 49
Chemical Price Trends 4
Classified Advertisements 64
Closing Market Developments 4
Contracts Awarded ..... —
Corporation Earnings ..... —
Dividends Declared ..... —
Editorials 26
Foreign Tariff Notes 4
Foreign Trade Openings 63
Industrial Uses of Chemicals 28
Obituaries 33
Prices Current 7
Scientific, Professional Services 42
Some New Books ..... —
Trade News Briefs ..... —
What You Can Use 56
Where You Can Sell 28

Market Reports

Botanical Drugs, Spices, Gums 51
Coaltar Chemicals 32
Drugs and Fine Chemicals 47
Dyestuffs and Textile and Leather Chemicals 36
Essential Oils and Aromatics 53
Fertilizer Materials 57
Heavy Chemicals 29
Oils, Fats and Waxes 43
Paint, Varnish, Lacquer Materials 37
Petroleum Solvents, Lubricants, Fuels 55

Shipping Information

Cargo Ship Arrivals 63
Charters ..... —
Coastwise Shipments 62
Exports 60
Imports 58
Imports Detained 63

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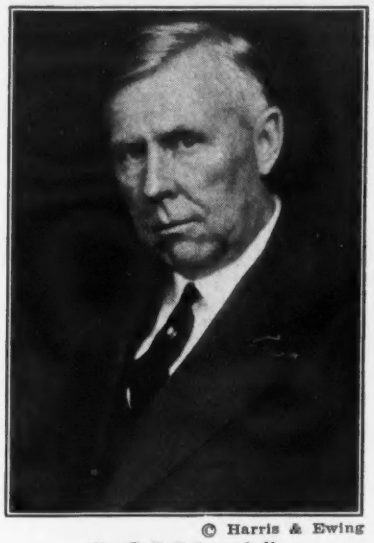
Dr. Gustav Lundell Heads Standards Chemistry Unit

Dr. Gustav E. F. Lundell has been appointed chief of the Chemistry Division of the National Bureau of Standards, Department of Commerce, to fill the vacancy caused by the retirement of Percy H. Walker last July, according to Dr. Lyman J. Briggs, director of the bureau

Dr. Lundell is an analytical chemist and has made many important contributions to methods of precise quantitative analysis. Born in Brooklyn, N. Y., in 1881, he attended the public schools and then entered Cornell University, receiving his A. B. degree in 1903. Six years later he was awarded his Ph.D. from the same institution. From 1910 till 1917 he served as assistant professor of analytical chemistry at Cornell, but his interest was always primarily in "chemical analyses of a high order," rather than in teaching. Dr. Lundell entered the bureau's service in 1917. Since 1919 he has had charge of the section of metal and ore analysis and standard samples, and for the past year and a half has also served as assistant chief of the division.



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Dr.G.E.F.Lundell

Oil Jobbers Charge Alcohol Price-Fixing

WASHINGTON, Oct. 7, 1937.

Charges that producers of denatured alcohol are violating the antitrust laws through agreements to fix uniform prices and sales policies will be considered at the convention of the National Oil Marketers' Association in Chicago next week, it was revealed today by Paul Hadlick, secretary of the association.

For some time oil jobbers have been complaining about the high price of antifreeze alcohol, and the resolutions committee of the association may consider calling on the Department of Justice to make an investigation. It was a resolution from this association which started the investigation of gasoline prices in the Midwest, culminating the antitrust case against twenty-one major oil companies now on trial in Madison, Wis.

The complaint of the oil jobbers does not arise out of the association's recent failure to secure from the Bureau of Internal Revenue the right to purchase completely denatured alcohol in tankcar lots, Mr. Hadlick said, but he declared that there is evidence indicating that bureau regulations have been helpful to alcohol distillers in maintaining their alleged monopolistic practices.

Paint-Allied to Give Dinner-Dance

The Paint and Allied Industries Credit Association will hold a dinner dance in the Hotel Astor November 6, and as this is to be the only social event of the organization for the year, every effort is being made to have a record attendance. Victor Isaacs, George E. Goodman, and James A. Kenny comprise the entertainment committee.

British chemical industry added fifteen new factories during 1936, and extensions were made in six other plants. Eight chemical factories were closed during the year.

Paint Queries to Be Discussed by F.P.V.C.

Sixty-two questions on technical topics of paint, varnish and lacquer manufacturing are scheduled for discussion in the open forum of the plant managers' committee October 26 at the annual meeting of the Federation of Paint and Varnish Production Clubs. The meeting will be held in the Netherlands-Plaza hotel, Cincinnati. The topics that will be brought before the open forum are as follows:—

1. Studies in safety devices to eliminate accidents.
2. Studies in fire-control throughout factories.
3. Study of occupational hazards and methods of control.
4. Studies of the best methods of storing liquids and delivering them.
5. Clarification and filtration studies for enamels and varnishes.
6. Best methods of maintaining floors in factories and in brightening and keeping clean the sidewalls, ceilings, and exterior surfaces of all paint factories.
7. Recommendations for good housekeeping.
8. Handling industrial complaints.
9. Maintenance of color standards.
10. Review of the best methods of cleaning kettles.
11. Study of the best methods of installing and labeling pipelines for liquids.
12. Comparison of energy required by various types of milling and grinding equipment.
13. Comparison of electric, gas, coke, and oil heating for varnish kettles.
14. Study of package sizes and use of modern packages.
15. What has been the experience of the industry with the Bramley mill with regard to its efficiency and its ease of changing colors? Is it more efficient than a pebble mill for the same type of grind? Can it be used for grinding enamels? Are replacement parts an item?
16. What type of centrifuge is best suited to clarify enamels?
17. Should the department for the actual figuring of costs of formulations be charged to the factory or to the office?
18. What is the most effective way to discourage the sales force in its free distribution of small samples of special material, particularly those small batches which have little likelihood of producing any real business?
19. Should the percentage of loss on dry pigments and on finished batches be assumed to be equal at an arbitrary percentage chosen, or should each particular type of pigment and each particular type of paint be considered individually?
20. What is the general experience with the new cyanide blues and greens from a durability and color retention standpoint?
21. Should the cost department be considered as a part of factory or office expense?
22. What is the best way to handle sample orders for special goods in the plant?
23. What department should assume the cost of special sample orders?
24. What is the most permanent method of keeping standards?
25. What is the best method of overcoming the loss of drier action in dark colors on aging?
26. Which is more efficient for enamel grinding—a high-speed three-roller mill or five-roller mill?
27. What is a satisfactory method of overcoming the burning out of varnish kettle bottoms, particularly copper and monel metal? (The author of this question was told that this trouble could easily be overcome by moderating the fire, or by the use of a carborundum arch, to prevent the direct fire from touching the kettle. This was held to be impossible on account of the speed required with many of the synthetic resin varnishes manufactured today. The burner used in this case is a Billow burner, and operates with light fuel oil at a pressure of 8 to 10 pounds with an air pressure of 16 to 18 ounces.)
28. When using nickel-clad steel kettles, is there any danger of the nickel coating breaking away from the steel during varnish cooking? (It is felt that the great change in temperatures encountered during varnish cooking and particularly the water-cooling of the outside of the kettle to hold temperature, might cause a splitting of the bond between the two metals.)
29. What are the supposed advantages of synthetic mill stones over natural buhr stones? (The author of this question has used both types and cannot see any advantage for the synthetic over the natural; if anything, the reverse is the case.)
30. What are the best methods of overcoming the flooding of chrome greens during their manufacture? (The author of this question says he has tried many methods which are supposed to overcome this trouble, but none has been satisfactory. He would also like to know whether any new theories as to the cause of this flooding have been advanced during the past two years.)
31. Is it possible to dry refined pilchard oil (sardine) sufficiently to give overnight tack-free films, when using this oil without processing? (The author of this question realizes that raw fish oil should not be used in the manufacture of paints and that if the oil is kettle-bodied or compounded with small amounts of chinawood oil or perilla oil, tack-free films can be ob-

(Continued on page 64)

Chemical Imports at Low Level

Receipts Reach Bottom Figure for This Year, But Are 20 Percent Above 1936

The aggregate value of imports of chemicals and related products by the United States in August totaled $15,000,000, compared with $16,487,000 in July; $18,445,000 in June; $20,777,500 in May; $21,346,500 in April, and $23,118,400 in March, the latter a six-year record, according to T. W. Delahanty, acting chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce. Although the imports reached the lowest level since January of this year, receipts of a number of items, including drying oils, potassic fertilizers, and varnish gums, remained at record levels. August, 1936, receipts of chemicals were valued at $11,918,800, or about 20 percent below those for the current August.

Compared with July, the decline in August was due largely to smaller receipts of flaxseed, coaltar products, essential oils, glycerin, soaps, and toilet preparations.

Imports of Chinese tung oil continued especially heavy in August, despite the fact that little of this oil cleared from China since the middle of July. Receipts were recorded at 20,723,000 pounds, valued at $2,449,500 in August, compared with 21,053,000 pounds during the preceding month and 7,949,500 pounds in August last year.

Perilla oil imports continued to lag, but showed signs of revival, receipts in August totaling 4,734,000 pounds, valued at $246,000, compared with 5,643,000 pounds in July and 18,727,000 in August, 1937.

Flaxseed imports also tended downward in August during which month 1,254,000 bushels were entered, against 2,063,000 in July, but were well above the 671,000 bushels imported in August, 1936.

Fertilizer imports were especially heavy, totaling 110,435 tons, valued at $2,836,000, against 60,600 tons, valued at $1,444,750, last year. The gain was due entirely to heavier imports of potassic fertilizer materials, receipts of which increased from 19,400 to 69,094 tons. Nitrogenous and phosphatic types recorded declines.

Other items on the chemical and related products list recording import increases in August, compared with the same month last year included gums, resins and balsams, receipts of which increased in value from $630,600 to $738,600; crude drugs, including pyrethrum, from $66,700 to $202,600; carnauba wax, from $301,000 to $325,000; dyeing and tanning materials, from $296,600 to $474,000, and tankage, from $120,700 to $219,000.

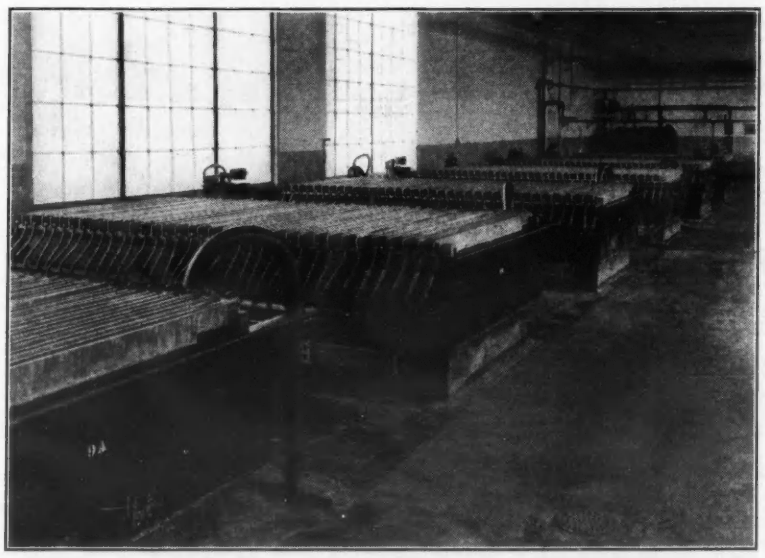
Commodities showing little or no change included codliver oil, imports of which were recorded at $313,000 in August; coaltar products, $1,074,000; industrial chemicals, $2,049,000, and paint materials, $154,000.

Organic Chemicals by Electrolysis

Atlas Powder Co. Successfully Applies Reduction Cell Process to Commercial Production of Sorbitol and Mannitol

Pioneering in the application of electrolytic reduction processes to the commercial production of organic chemicals, the Atlas Powder Company is making sorbitol and mannitol by the reduction of cerelose in its new industrial chemical plant at Atlas Point, on the Delaware river, near Wilmington, Del.

This undertaking is believed to be the first application of an electrolytic process to large-scale organic chemical operations, at least in this country. It represents a deep technical faith, in which it has been necessary to surmount numerous difficulties. And the process in operation represents ten years of practically continuous laboratory experimentation and almost three years of pilot plant and semiworks production.



Cell Room of Atlas Electrolytic Operations

As is usual in respect of achievement, the process operation of the new Atlas plant appears to be a quite simple matter. This impression comes in large part from the extremely compact layout of the plant, the engineering simplification of the process flow, and the ingenuity with which the force of gravity has been utilized. Technically considered, this first impression is far from adequate.

This latest development of interests and activities on the part of the Atlas Powder Company derives from the firm belief, aptly expressed by Vice-President E. W. Maynard, that a spacious market lay ready for cultivation in the need for assurance of quality uniformity in mannitol and a stable, constant supply, and in the potential industrial applications of sorbitol through fitting the volume of supply and the cost of this material to the needs of expansion, particularly in the conditioning of cellulosic products. This belief has already been gratifyingly substantiated, and affords great encouragement for the further progress now under way and additionally contemplated.

Anhydrous cerelose is the raw material in the Atlas electrolytic production of the isomeric polyhydric alcohols, mannitol and sorbitol. The yield is more than 90 percent of theoretical. The grain-sugar is first dissolved in distilled water. This solution is thoroughly filtered, and passes to the first of a series of three electrolytic cells. These cells are large vats constructed of steel, heavily rubber-lined, and agitator-equipped.

An acid-salt anolyte is used, this being suspended in the sugar solution in diaphragm cells of a specially prepared unglazed chemical stoneware. The anodes are large lead plates. Current for the electrolytic cells is supplied from

(Continued on page 63)

N.P.V.L.A. Issues Its Convention Program

Addresses Covering Many Phases Of Paint Industry to Be In Business Sessions

The official business and entertainment programs for the annual convention of the National Paint, Varnish and Lacquer Association to be held in Cincinnati, with headquarters at the Netherland-Plaza hotel, October 27 to 29, have been made public by the association, subject to additions and changes, and are as follows:—

Tuesday, October 26

1:30 p. m.

Wholesale Division:—
Address:—"Wall Paper," by R. A. White, manager wall paper department, the Dean & Barry Company.
Address:—"Casein Paint," by Stanley C. Dunning, of the Muralo Company.
Address:—"Bristles and Brushes," speaker to be announced.
Address:—"Merchandising," speaker to be announced.
Discussion:—Linseed Oil.
Discussion:—The Robinson-Patman Act.
Open Forum.

Wednesday, October 27

1:30 p. m.

Opening Session:—National Paint, Varnish and Lacquer Association. Presiding, Ernest T. Trigg, president of the association.
Preliminary report of constitution and by-laws committee, H. M. Howard, chairman.

The annual reports of the committees to be acted on have been mailed to members in advance of the convention, to enable them to familiarize themselves with the contents, prior to the convention.

Report of treasurer, Charles J. Roh.
Preliminary report of nominating committee, J. E. Ingram, chairman.
Welcome to delegates:—
Painting and Decorating Contractors of America.
Response:—Herman C. Hoeffer, chairman.
Delegates:—George Nash, R. F. Breuggemann.
Federation of Paint and Varnish Production Clubs.
Response:—V. C. Bidlack, retiring president.
Delegates:—R. B. Anderson, R. H. Everett, E. W. Fasig, E. V. Ladd, G. C. McEwen, A. P. Mills.
National Retail Lumber Dealers Association.
Response:—Don Campbell, president.
Delegates:—Frank Carnahan, secretary; L. P. Lewin.
National Lumber Manufacturers' Association.
Response:—
Delegates:—
Address: By Ernest T. Trigg, President.
Announcements.

Wednesday, October 27

3:00 p. m.

Industrial Sales Divison Session:—
Presiding:—Paul S. Kennedy, chairman.
Address:—"Our Industrial Sales Dollar," by Paul S. Kennedy.
Address:—"Cost Accounting for Our Industry," by William R. Sieplein.
Address:—To be announced.
Discussion:—"Monthly Tung Oil Report."
Discussion:—"Contract Check List."
Discussion:—"Industrial Products Catalog."

Thursday, October 28

2:00 p. m.

Trade Sales Conference:—
Presiding, Charles W. Eastwood, chairman.
Address:—"The Robinson-Patman Law," speaker to be announced.
Address:—"The Lumber Dealer as a Paint Merchant," speaker to be announced.
Address:—"Sales Training Course for Lumber Dealers," Paul S. Collier, manager, Northeastern Retail Lumbermen's Association.
Council for Paint Styling.
Horace S. Felton, chairman.
(a) "Exploring the Magic World of Color," Herbert Thompson Strong.
(b) "Styling With Paint," M. Rea Paul.
Additional speakers to be announced later.

Friday, October 29

9:30 a. m.

Final Business Session.
Presiding, C. N. Seidlitz, vice-president.
Final report of constitution and by-laws committee by H. M. Howard, chairman.
"In Memoriam," by W. S. Auchincloss, chairman.
Presentation:—"The Paint Industry's Public Policy" (A pictorial of the association's activities and the effect on the industry's public policy).
Consideration of Committee Reports.

(Continued on page 41)

WHICH *Calcium Stearate* do you Need

DENSE or BULKY

?

MALLINCKRODT OFFERS
you two grades of Calcium Stearate, each developed specifically for certain industrial requirements.

Calcium Stearate Technical is the dense grade. It is a useful suspension medium, flatting agent, and water-repellent. Its density particularly suits it to many special industrial applications.

Calcium Stearate Impalpably Powdered is a very bulky, soft, fine grade, closely controlled for both free acid and free base. Developed especially for the plastic molding industry, it is an excellent release agent and lubricant.

These Calcium Stearates are commercially pure chemical compounds, not special trick mixtures. They are manufactured to definite chemical standards, and every lot sold must pass the same tests. Use Mallinckrodt pure Stearates for uniform results.

MALLINCKRODT STEARATE RESEARCH PRESSES ON

Mallinckrodt research chemists have long applied themselves to the study of Stearates. New Stearates, especially suited physically and chemically to various requirements of industry, have been developed; new uses have been found; manufacturing processes have been improved and standardized at new high levels of efficiency. Mallinckrodt will gladly send you full details about any of the Stearates.

OTHER MALLINCKRODT STEARATES FOR INDUSTRIAL USE

ALUMINUM STEARATES:
Technical M
Technical D
Technical T
Technical Fluffy
Flatting Agent No. 22

Magnesium Stearate
Impalpably Powdered
Sodium Stearate, Technical
Zinc Stearate, U. S. P. XI

ST. LOUIS
CHICAGO
PHILADELPHIA

Mallinckrodt
CHEMICAL WORKS

NEW YORK
MONTREAL
TORONTO

MANUFACTURERS OF FINE STEARATES AND OTHER CHEMICALS FOR INDUSTRIAL, ANALYTICAL, MEDICINAL, AND PHOTOGRAPHIC PURPOSES

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)			
Acetal, dms., works	lb.	.75	- 1.00
Acetaldehyde, dms., c.l., works	lb.	.14	- —
l.c.l., works	lb.	.16	- —
Acetamide, CP, bots., kegs, c.l., works	lb.	.35	- —
l.c.l., 1,000 lbs., works	lb.	.43	- —
smaller lots, works	lb.	.48	- 1.00
tech., kegs, c.l., works	lb.	.32	- —
l.c.l., 1,000 lbs., works	lb.	.38	- —
smaller lots, works	lb.	.43	- .75
Acetanilide, tech., 95%, bbls.	lb.	.24	Nom.
USP, bbls., 1,000 lbs.	lb.	.25	- —
smaller lots	lb.	.26	- —
kegs, 1,000 lbs.	lb.	.26	- —
smaller lots	lb.	.27	- —
Acetin, tech., dms.	lb.	.33	- —
Acetoacetanilide, dms.	lb.	.65	- .70
Acetone, CP, dms., c.l., dlvd.	lb.	.06	- —
l.c.l., dlvd	lb.	.06½-	—
tanks, dlvd.	lb.	.05	- —
Methyl (see M)			
Acetophenone, bots	lb.	1.30	- 1.45
cns., 25 lbs.	lb.	1.15	- 1.25
dms., 100 lbs.	lb.	1.05	- —
Acetphenetidin, bbls., kegs, 1,000 lbs.	lb.	1.30	- —
single pkg	lb.	1.35	- —
smaller pkgs	lb.	1.32	- 1.40
Acid, abietic, bbls., c.l.	lb.	.09¾-	—
l.c.l.	lb.	.10	- —
Acetic, coml. or redist., 28%, bbls.	100 lbs.	2.38	- 2.63
cbys.	100 lbs.	2.87	- 3.12
50%, bbls.	100 lbs.	4.45	- 4.70
cbys.	100 lbs.	4.95	- 5.20
70%, bbls.	100 lbs.	5.54	- 5.79
cbys.	100 lbs.	6.04	- 6.25
80%, bbls.	100 lbs.	6.32	- 6.57
cbys.	100 lbs.	6.82	- 7.07
glacial, nat., CP., cbys.	100 lbs.	14.00	- —
99.5%, nat., bbls., c.l.,	100 lbs.	8.16	- 8.41
cbys.	100 lbs.	8.66	- 8.91
syn., al. dms., c.l.	100 lbs.	8.43	- 8.68
cbys.	100 lbs.	8.93	- 9.18
USP, dms.	100 lbs.	10.25	-10.50
cbys.	100 lbs.	10.75	-11.00
pure, 30%, bbls., c.l.	100 lbs.	3.44	- 3.69
cbys.	100 lbs.	3.94	- 4.19
36%, bbls., c.l.	100 lbs.	3.85	- 4.10
cbys.	100 lbs.	4.35	- 4.60
60%, bbls., c.l.	100 lbs.	6.47	- 4.72
cbys.	100 lbs.	6.97	- 7.22
80%, bbls., c.l.	100 lbs.	8.11	- 8.36
cbys.	100 lbs.	8.61	- 8.86

Acetic acid prices above apply delv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l.	lb.	.13	- —
l.c.l., dms., cbys.	lb.	.14	- .15
Acetylsalicylic, USP, bbls., 225 lbs.	lb.	.55	- —
boxes, 25 lbs.	lb.	.56	- —
kgs., 100 lbs.	lb.	.55	- —
Anthranilic, refd., bbls.	lb.	.85	- .90
tech., bbls.	lb.	.75	- —
Arsenous, tech. (see Arsenic, White).			
USP., powd., dms., kegs	lb.	.18	- —
Battery, cbys, c.l., E. works 100 lbs.		1.60	- —
l.c.l., 25 or more, E. works, 100 lbs.		1.85	- —
10-24, E. works	100 lbs.	1.95	- —
1-9, E. works	100 lbs.	2.55	- —
Benzoic, tech., bbls., 4,000 lbs. or more	lb.	.43	- —
1,000 to 3,900 lbs.	lb.	.44	- —
900 lbs. or less	lb.	.47	- —
USP, bbls., 4,000 lbs. or more	lb.	.54	- —
1,000 to 3,900 lbs.	lb.	.55	- —
900 lbs. or less	lb.	.58	- .59
dms., 4,000 lbs. or more	lb.	.55	- .56
1,000 to 3,900 lbs.	lb.	.56	- .57
900 lbs. or less	lb.	.59	- .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd.	ton.	105.00	- —
c.l., delvd	ton.	110.00	- —
l.c.l., ex whse	ton.	115.00	-120.00
sks., contracts, 80 tons, delvd.	ton.	95.00	- —
c.l., delvd	ton.	100.00	- —
l.c.l., ex whse	ton.	105.00	-110.00
powd., bbls., contracts, 80 tons, delvd.	ton.	110.00	- —
c.l., delvd	ton.	115.00	- —
l.c.l., ex whse	ton.	120.00	-135.00
sks., contracts, 80 tons, delvd.	ton.	100.00	- —
c.l., delvd	ton.	105.00	- —
l.c.l., ex whse	ton.	110.00	-125.00
USP, $25 per ton higher.			
Broenner's, bbls	lb.	1.11	- —
Butyric, 99%, dms., c.l., S. Charleston, W. Va.	lb.	.22	- —
l.c.l., same basis	lb.	.23	- —
tanks, same basis	lb.	.21	- —
Camphoric, cans	lb.	5.50	- 5.70
Capric, dms	lb.	.19½-	.20
Caproic, cans	lb.	2.20	- —
Carbolic (see Phenol).			
Castor oil, split, dms.	lb.	.16	- .16½
Chlorosulphonic, dms., c.l., works	lb.	.0350-	—
5-drum lots, works	lb.	.04	- —
single drum	lb.	.05	- —
tanks, works	lb.	.03	- —
Chromic, 99%, dms., delvd. N.Y.	lb.	.1475-	.1675
Cinnamic, refd., bots.	lb.	2.85	- 3.25
Citric, cryst., bbls.	lb.	.24	- —
kegs	lb.	.24½-	—
gran., bbls.	lb.	.24	- —
kegs	lb.	.24½-	—
powd., bbls.	lb.	.24½-	—
anhyd., gran., dms.	lb.	.26½-	—
powd., dms.	lb.	.27	- —

Prices on citric acid are f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls	lb.	.50	- —
Cottonseed oil, dms	lb.	.09½-	.10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled	gal.	.89	- —
l.c.l., same basis	gal.	.91	- —
Acid, cresylic, low-boil, dms., c.l., works, frt. equaled	gal.	.92	- —
l.c.l., same basis	gal.	.94	- —
imported pale, 97-99, dms.	gal.	1.00	Nom.
special resin grade, dms., c.l., works	lb.	.10¾-	—
l.c.l., same basis	lb.	.11¼-	—
Crotonic, dms., works	lb.	.75	- 1.00
Diethylbarbituric (see Barbital).			
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l.	lb.	.11	- —
l.c.l., 25 and over	lb.	.1150-	—
1-24	lb.	.12	- —
inland territory, cbys., c.l.	lb.	.1185-	—
l.c.l., 25 and over	lb.	.1235-	—
1-24	lb.	.1285-	—
southern territory, cbys., c.l.	lb.	.1220-	.1290
l.c.l., 25 and over	lb.	.1270-	.1340
1-24	lb.	.1320-	.1390
Fumaric, bbls	lb.	.60	- —
Gallic, tech., bbls	lb.	.75	- .79
N. F., VI, bbls, 200 lbs., 5 or more	lb.	.87	- —
single bbls.	lb.	.90	- —
fib. dms., 25 lbs.	lb.	.96	- —
kgs., 100 lbs.	lb.	.91	- —
Gamma, bbls	lb.	.85	- —
Gluconic, tech., 50%, bbls., 500 lbs.	lb.	.20	- —
H, bbls	lb.	.50	- .55
Hempseed oil, dms	lb.	.1180-	.1225
Hydriodic, 47%, bots	lb.	2.20	- 2.25
57%, bots	lb.	2.65	- 2.70
Hydrobromic, 10% dilut., USP, pure, 34% conct, cbys	lb.	.20	- .21
	lb.	.42	- .44
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls, works	lb.	.80	- 1.00
Hydrofluoric, 30%, bbls	lb.	.07	- .0750
lead, cbys	lb.	.09	- .0950
48%, lead cbys	lb.	.1150-	.12
52%, lead cbys	lb.	.1250-	.13
60%, lead cbys	lb.	.15	- .1550
Hydrofluosilicic, 30-35%, bbls.	lb.	.10½-	.15
Hypophosphorus, USP, 30%, djns.	lb.	.75	- —
Lactic, tech., dark, 22%, bbls., c.l., works	100 lbs.	2.50	- —
l.c.l., bbls., works	100 lbs.	2.75	- —
cbys., works	100 lbs.	3.75	- —
44%, bbls., c.l., works	100 lbs.	5.50	- —
l.c.l., bbls., works	100 lbs.	5.75	- —
cbys., works	100 lbs.	6.75	- —
light, 22%, bbls., c.l., works	100 lbs.	3.50	- —
l.c.l., bbls., works	100 lbs.	3.75	- —
cbys., works	100 lbs.	4.75	- —
44%, bbls., c.l., works	100 lbs.	6.50	- —
l.c.l., bbls., works	100 lbs.	6.75	- —
cbys., works	100 lbs.	7.75	- —
50%, edible, 20 and over, bbls., cbys.	lb.	.10½-	.11¼
plastic grade	lb.	.12¼-	.13¼
5 to 19, edible, bbls., cbys., plastic grade	lb.	.12¾-	.13¾
1 to 4, edible, bbls., cbys., plastic grade	lb.	.11½-	.12½
	lb.	.13¼-	.14¼
80%, 5 and over, bbls., cbys.	lb.	.21	- .22
1 to 4 bbls., cbys.	lb.	.21½-	.22¼
USP, X, 85%, cbys.	lb.	.42	- .45
USP, VIII, 75%, cbys.	lb.	.40	- .43
Laurent's, bbls	lb.	.45	- —
Linseed oil, dark or light, dms.	lb.	.1310-	.1350
tanks	lb.	.1250-	—
extra white, dms	lb.	.1125-	.1175
split, dms	lb.	.0950-	.1060
Maleic, powd., dms	lb.	.30	- .40
anhydride, dms	lb.	.33	- .43
Malic powd., kegs	lb.	.45	- .60
Mandelic, bots	lb.	2.30	- —
fib. dms.	lb.	2.05	- 2.20
Mixed, tanks, nitric unit	lb.	.06½-	.07½
sulphuric unit	lb.	.0085-	.009
Monochloroacetic, tech., bbls.	lb.	.16	- .17
99%, bbls.	lb.	.18	- .19
Monosulphonic, bbls.	lb.	1.50	- 1.60
Muriatic, 18°, cbys., c.l., E. works	100 lbs.	1.50	- —
l.c.l., 25 and over, E. works	100 lbs.	1.75	- —
10 to 24, works	100 lbs.	1.85	- —
1 to 9, works	100 lbs.	2.45	- —
tanks, works	100 lbs.	1.05	- —
20°, cbys., c.l., E. works, 100 lbs.		1.75	- —
l.c.l., 25 and over, works, 100 lbs.		2.00	- —
10 to 24, works	100 lbs.	2.10	- —
1 to 9, works	100 lbs.	2.70	- —
tanks, works	100 lbs.	1.15	- —
22°, cbys., c.l., E. works, 100 lbs.		2.25	- —
l.c.l., 25 and over, works, 100 lbs.		2.50	- —
10 to 24, works	100 lbs.	2.60	- —
1 to 9, works	100 lbs.	3.20	- —
tanks, works	100 lbs.	1.65	- —
C.P., U.S.P., dealers, cbys.	lb.	.06½-	—
6-lb. bots	lb.	.18½-	—
consumers, cbys	lb.	.08	- —
6-lb. bots	lb.	.20	- —
Myristic, dms	lb.	.14¼-	.15
white, redist., dms	lb.	.15¾-	.16¼
Naphthenic, S.V. 120-200, dms.,	lb.	.07	Nom.
210-230, dms	lb.	.09	Nom.
240-280, dms	lb.	.10	Nom.
sludges, dms	lb.	.05	Nom.
Nevile & Winther's, bbls	lb.	.85	- .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs.		5.00	- —
l.c.l., 25 and over, E. works	100 lbs.	5.25	- —
10 to 24, works	100 lbs.	5.35	- —
1 to 9, works	100 lbs.	5.95	- —
38°, cbys., c.l., E. works, 100 lbs.		5.50	- —
Western works	100 lbs.	5.75	- —
l.c.l., 25 and over, E. works	100 lbs.	5.75	- —
10 to 24, works	100 lbs.	5.85	- —
1 to 9, works	100 lbs.	6.45	- —
40°, cbys., c.l., E. works, 100 lbs.		6.00	- —
l.c.l., 25 and over, E. works	100 lbs.	6.25	- —
10 to 24, works	100 lbs.	6.35	- —
1 to 9, works	100 lbs.	6.95	- —
42°, cbys., c.l., E. works, 100 lbs.		6.50	- —
Acid, nitric, 42°, cbys., l.c.l., 25 and over works	100 lbs.	6.75	- —
10 to 24, works	100 lbs.	6.85	- —
1 to 9, works	100 lbs.	7.45	- —
C.P., U.S.P., dealers, cbys.	lb.	.11½-	—
7-lb. bots	lb.	.22½-	—
consumers, cbys	lb.	.13	- —
7-lb. bots	lb.	.24	- —
Oleum (see sulphuric fuming).			
Oxalic, dom., bbls., c.l., works	lb.	.10¾-	—
10,000 lbs., and over	lb.	.11	- —
smaller quantities	lb.	.12	- .14
Palm oil, dms	lb.	.08¾-	.09¼
Phenylacetic, bots.	lb.	2.00	- 3.25
Phosphoric, tech., 50%, cbys.	lb.	.06	- —
75%, cbys.	lb.	.09	- —
USP, 85%, s. g. 1,710, cbys., 70 lbs.	lb.	.12	- —
djns., 25 lbs.	lb.	.15	- —
50% s.g., 1347, cbys., 70 lbs.,	lb.	.12	- —
djns., 25 lbs.	lb.	.15	- —
10%, dilut., cbys., djns.	lb.	.07	- .07½
Picramic, kgs	lb.	.65	- .70
Picric, bbls.	lb.	.35	- —
Propionic ref., cbys., works	lb.	.25	Nom.
dms., works	lb.	.22	Nom.
tech., cbys., works	lb.	.20	Nom.
dms., works	lb.	.16	Nom.
Pyrogallic, tech., lump, powd.,	bbls.	1.05	- —
cns.	lb.	1.10	- —
USP, cryst., cns	lb.	1.45	- 1.63
resubl., cns.	lb.	2.05	- 2.15
Pyroligneous, bbls., dlvd. E. gal.	gal.	.25	- —
Ricinoleic, dms	lb.	.38	- —
tech., bbls.	lb.	.13	- —
Salicylic, tech., bbls	lb.	.33	- —
USP, bbls.	lb.	.40	- .45
Sebacic, C.P., bbls., works	lb.	.58	- —
tech., bbls., works	lb.	.37	- .41
Soybean oil, dist, dms	lb.	.10½-	.11¼
Stearic, distil., double pressed, bgs., dlvd.	lb.	.11½-	.12½
single pressed, bgs., dlvd.	lb.	.11	- .12
triple pressed, bgs., dlvd.	lb.	.14¼-	.15¼
saponif., double pressed, bgs, dlvd.	lb.	.11¾-	.12¾
triple pressed, bgs., dlvd.	lb.	.14½-	.15½
Succinic, bbls.	lb.	.75	- —
Sulphanilic, CP, bots, works.	lb.	1.60	- 1.68
tech., dms., works	lb.	.17	- —
Sulphonaphthenic, dms	lb.	.04	- .10
Sulphuric, 60°, cbys., c.l., E. works	100 lbs.	1.25	- —
l.c.l., 25 and over, works, 100 lbs.		1.50	- —
10 to 24, works	100 lbs.	1.60	- —
1 to 9, works	100 lbs.	2.20	- —
tanks, E. works	ton.	13.00	- —
66°, cbys., c.l., E. works, 100 lbs.		1.50	- —
l.c.l., 25 and over, works, 100 lbs.		1.75	- —
10 to 24, works	100 lbs.	1.85	- —
1 to 9, works	100 lbs.	2.45	- —
tanks, E. works	ton.	16.50	- —
98%, tanks, works	ton.	17.50	- —
C.P., U.S.P., dealers, cbys.	lb.	.06½-	—
9-lb. bots	lb.	.16½-	—
consumers, cbys	lb.	.08	- —
9-lb. bots	lb.	.18	- —
fuming, 20%, tanks, E. works, ton.		18.50	- —
65%, tanks, E. works	ton.	36.00	- —
Tannic, tech., bbls., dms	lb.	.40	- .47
USP, fluffy, bbls., 1,000 lbs.	lb.	.88	- —
100-lb. lots	lb.	.90	- —
25-lb. lots	lb.	.93	- —
powd., bbls., 1,000 lbs	lb.	.78	- —
smaller lots	lb.	.80	- —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment	lb.	.24¾-	—
smaller quantities	lb.	.25¼-	—
kgs.	lb.	.25¾-	—
Tobias, bbls.	lb.	.65	- —
Trichloroacetic, bots.	lb.	2.00	- 2.50
Tungstic, CP, kgs	lb.	No prices	
tech., kgs.	lb.	No prices	
Aconite, leaves, bls	lb.	.30	- .32
Root, bls	lb.	.35	- .36
Aconitine, amorph., bots	oz.	17.00	-18.00
vls.	gr.	.06	- .09
cryst., bots	oz.	30.00	- —
vls.	gr.	.09	- .11
Adeps, lanae, anhyd., dms	lb.	.17½-	.19
hyd., dms	lb.	.16	- .18
Agar, 1, bls	lb.	1.10	- 1.15
2, bls	lb.	1.05	- 1.10
3, bls	lb.	.72	- .75
Agaric, white, bls	lb.	3.25	- 3.50
Albumen, blood, dark, flake, bgs., c.l., f.o.b. Chicago, frt. alld.	lb.	.11	- —
l.c.l., bgs., same basis	lb.	.13	- .15
pow'd, grade A, same basis, ton lots	lb.	.15	- —
smaller lots, Chicago	lb.	.18	- —
light, dom., flake, dms., Chicago	lb.	.52	- .60
import, bgs	lb.	.50	- —
Egg, ed., dom., bbls	lb.	1.05	Nom.
import, cs	lb.	.85	Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld.	lb.	.133	- —
l.c.l., frt. alld	lb.	.143	- —
tanks, frt. alld	lb.	.123	- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts.	lb.	.09½-	—
l.c.l., same terms	lb.	.10	- —
tanks, same terms	lb.	.08½-	—
Benzyl, cans	lb.	.70	- —
drums	lb.	.63	- —
Butyl, normal, dms., c.l., frt. alld.	lb.	.10	- —
l.c.l., frt. alld	lb.	.10½-	—
tanks, frt. alld	lb.	.09	- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts.	lb.	.08	- —
l.c.l., same terms	lb.	.08¼-	—
tanks, same terms	lb.	.07	- —
tertiary, denating, dms., frt. alld.	lb.	.14	- —
Capryl, pure, dms., works	lb.	2.50	- —
tech., dms., works	lb.	.85	- —
Cetyl, dom., C.P., fiber cns., 1,000 lbs.	lb.	1.50	- —
500 lbs.	lb.	1.70	- —
100 lbs.	lb.	1.80	- —
25 lbs.	lb.	1.90	- —
5 lbs.	lb.	2.00	- —
coml., dms.	lb.	.95	- —

Acacia—Alumina Acetate

Alcohol, cetyl, import, 85%, dms., 100 lbs.		.55	- —
5 to 10 lbs.	lb.	.75	- —
coml., dms., 350 lbs.	lb.	.45	- —
Cinnamic, bots	lb.	2.00	- 2.50
Denatured, CD11, 12, 13, dms., c.l., works, E. frt. equal.	gal.	.35	- —
20 dms., East	gal.	.37	- —
1-19 dms., East	gal.	.40	- —
tanks, East	gal.	.29	- —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works	gal.	.34	- —
19 bbls., E. works	gal.	.36	- —
1 to 18 bbls., E. works, gal.		.39	- —
dms., c.l., E. works	gal.	.33	- —
19 dms., E. works	gal.	.35	- —
1 to 18 dms., E. works, gal.		.38	- —
tanks, E. works	gal.	.27	- —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms., c.l., gal.		.37½-	—
19 dms.	gal	.39½-	—
1 to 18 dms.	gal.	.42½-	—
tanks	gal.	.31½-	—

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c.l., E. works	gal.	.34	- —
20 dms., E. works	gal.	.36	- —
1 to 19 dms., E. works, gal.		.39	- —
tanks, E. works	gal.	.28	- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld.	lb.	.13½-	—
l.c.l., frt. alld.	lb.	.14	- —
tech., contract, dms., c.l., frt. alld.	lb.	.12½-	—
l.c.l., frt. alld.	lb.	.13	- —
Ethyl, 190 pf., ex molasses, bbls. c.l—	gal.	4.13	- —
19 bbls.	gal.	4.15	- —
1 to 18 bbls.	gal.	4.18	- —
dms., c.l.	gal.	4.12	- —
19 dms.	gal.	4.14	- —
1 to 18 dms.	gal.	4.17	- —
tanks	gal.	4.06	- —
absolute, dms., c.l.	gal.	4.42	- —
19 dms.	gal.	4.44	- —
1 to 18 dms.	gal.	4.47	- —
Grain alcohol 45c. per gal. higher.			
Furfuryl, tech., cns., works	lb.	.45	- —
dms., c.l., 33,000 lbs., works, lb.		.30	- —
l.c.l., 500 lbs. and more, works	lb.	.35	- —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.10	- —
l.c.l., same terms	lb.	.13½-	—
tanks, same terms	lb.	.12	- —
Isoamyl, primary, dms., l.c.l., dlvd.	lb.	.27	- —
cans, works	lb.	.32	- —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies	lb.	.09¼-	—
l.c.l., same terms	lb.	.10	- —
tanks, same terms	lb.	.06¼-	—
Isopropyl, denat., grd., dms., c.l., frt., alld.	gal.	.32	- —
l.c.l., frt., alld.	gal.	.33	- —
refd., 91% dms., c.l., f.o.b. dest.	gal.	.30½-	—
l.c.l., same terms	gal.	.44½-	—
tanks, same terms	gal.	.34½-	—
98% dms., c.l., same terms, gal.		.44½-	—
l.c.l., same terms	gal.	.40½-	—
tanks, same terms	gal.	.39½-	—
tech., 91% dms., c.l., same terms.	gal.	.35	- —
l.c.l., same terms	gal.	.40	- —
tanks, same terms	gal.	.30	- —
98% dms., c.l., same terms, gal.		.33½-	—
l.c.l., same terms	gal.	.44½-	—
tanks, same terms	gal.	.34½-	—
Methyl (see Methanol)			
Phenylethyl, bots., cns	lb.	1.50	- 2.50
Propyl (see Isopropyl)			
Aldehol, denat., grade, dms., tanks, works	gal.	.70	- .80
Aldol, 95%, dms., c.l., works	lb.	.21	- —
l.c.l., works	lb.	.25	- —
Aletris root, bgs	lb.	.40	- .45
Alizarin (see Red, alizarin).			
Alkanet root, bgs	lb.	.11	- .12
Aloe, Barbados, true, cs	lb.	.85	- .90
Cape, cs	lb.	.18	- .19
Curacao, cs	lb.	.32	- .33
gourds, bbls	lb.	.50	- .55
Socotrine, kgs	lb.	.60	- .62
Aloin, 140-lb. bbls	lb.	1.90	- —
100-lb. kegs	lb.	1.92	- —
25-lb. fib. dms	lb.	1.99	- —
Alphanaphthol, bbls	lb.	.52	- —
Alphanaphthylamine, bbls	lb.	.32	- —
Althea root, cube cut, bls	lb.	.30	- .32
Alum, ammonia, burnt, USP, bbls. kgs.	lb.	.16	- .18
gran., bbls., works	100 lbs.	3.00	- 3.25
dlvd. N.Y., Phila.	100 lbs.	3.15	- —
lump, bbls., works	100 lbs.	3.25	- 3.50
dlvd. N.Y., Phila.	100 lbs.	3.40	- —
powd., bbls., works	100 lbs.	3.40	- 3.65
dlvd. N.Y., Phila.	100 lbs.	3.53	- —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works	100 lbs.	3.25	- 3.50
dlvd. N.Y., Phila.	100 lbs.	3.40	- —
lump, bbls., works	100 lbs.	3.50	- 3.75
dlvd. N.Y., Phila.	100 lbs.	3.65	- —
powd., bbls., works	100 lbs.	3.65	- 3.90
dlvd. N.Y., Phila.	100 lbs.	3.80	- —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls	lb.	.06½-	.06¾
Soda, bbls., c.l., works	100 lbs.	3.25	- —
l.c.l., dlvd.	100 lbs.	4.25	- 5.00
Alumina acetate, C.P. 20% solut., bbls.	lb.	.09	- .10

Alumina Chlor.—Amyl Acetate

Alumina chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs., or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
less car lots, works....lb. .03½- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.40
Alumina, sulphate, iron-free, truckloads, bgs.....100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.30 - —
bbls., c.l., works.....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - —
truckloads, dlvd., met. N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd., met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .20 - —
l.c.l. .....lb. .21 - —
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss..lb. .63½- —
5,000 lbs., same basis..lb. .64½- —
2,000 lbs., single shipt., same basis..lb. .65 - —

On 2,000-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 2,000-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.

ink, dms., 30,000 lbs., same basis..lb. .73½- —
5,000 lbs., same basis..lb. .74½- —
Aluminum, paste, ink., dms., 2,000 lbs., single shipt., same basis..lb. .75 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
powder, lining, extra fine, dms., 30,000 lbs., same basis..lb. .90½- —
5,000 lbs., same basis..lb. .91 - —
2,000 lbs., single shipt., same basis..lb. .92 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .55½- —
5,000 lbs., same basis..lb. .56½- —
2,000 lbs., single shipt., same basis..lb. .57 - —
split shipts. (see note fine lining paste).
litho, extra brilliant, dms., 30,000 lbs., same basis, lb. .41½- —
5,000 lbs., same basis.lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
extra fine, dms., 30,000 lbs., same basis..lb. .45½- —
5,000 lbs., same basis.lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipts. (see note fine lining paste).
Aluminum, powd., litho., standard dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis..lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste).
wallpaper, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
rubber comp., dms., 30,000 lbs., same basis..lb. .35½- —
5,000 lbs., same basis..lb. .36½- —
2,000 lbs., single shipt., same basis..lb. .40 - —
split shipts (see note fine lining paste)
unpolished, dms., 30,000 lbs., same basis..lb. .35½- —
5,000 lbs., same basis..lb. .36½- —
2,000 lbs., single shipt., same basis..lb. .37 - —
split shipts. (see note fine lining paste)
varnish, extra brilliant, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis.lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
extra fine, dms., 30,000 lbs., same basis..lb. .45½- —
5,000 lbs., same basis.lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipt (see note fine lining paste)
standard, dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis.lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste)
Ambergris, gray, tins.....oz.17.00 -35.00
Aminopyrine, fib., dms., 100 lbs., lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.26
Ammonia, acetate, kgs.....lb. .26 - .33
Aldehyde, dms. .....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), dlvd., E..lb. .05 - .05½
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 3.15 - —
l.c.l., dlvd., N. Y....100 lbs. 3.71 - —
Bichromate, bbls.....lb. .32 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .11
powd., bbls., dms.....lb. .09 - —
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls.....lb. .11 - .16
kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, fib., dms....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.32 - —
jars .....lb. 3.25 - —
Laurate, bbls.....lb. .23 - —
Linoleate, 80%, anhyd., bbls.lb. .15 - —
Naphthenate, bbls.....lb. .17 - —
Nitrate, tech., bags, c.l., works. 100 lbs. 3.60 - —
bbls., works.....100 lbs. 3.75 - —
l.c.l., bags, works.....100 lbs. 3.85 - —
bbls., works.....100 lbs. 4.00 - —
Oleate, dms.....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22½- —
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - —
Phosphate, dibasic, N.F.V., bls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works..unit- ton. 1.20 & 70
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens, contr., 6-10 mos., Oct..ton.27.50 - —
Nov.-Dec. .....ton.28.00 - —
Jan.-June, 1938.....ton.28.50 - —

Ammonia sulphate contracts any 1-5 mos., through June 1938, $1 per ton additional; spot prices $1 per ton additional. Bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis. and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.

Sulphide, liquid, 35-40%, basis 100%, dms., works..lb. .12 - .15
tanks, delvd .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works..lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal. gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., contracts, works.100 lbs. 5.00 - 5.05
import, csks .....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt., alld..... lb. .12 - —
tanks, works ..... lb. .10¼- —
ex pentane, dms., frt. alld..lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —

Quality LACQUERS CAN'T TOLERATE THE TROUBLE TRIO

X ORANGE PEEL

X POOR GLOSS

X COTTON BLUSH

The Trouble Trio — Orange Peel, Poor Gloss and Cotton Blush—have no room on any program with quality lacquer production. Yet, even with the greatest of care, they frequently creep in.

PENTASOL and PENT-ACETATE offer the most positive form of insurance against the ravages of these lacquer enemies. These PURE solvents are ALL AMYL. Their excellent solvent power during evaporation of the film permits lower viscosity during the setting period, gives greater smoothness and higher gloss to the dry film, and eliminates blush and orange peel throughout the entire year. Put PENTASOL and PENT-ACETATE to work in your plant — for safety and assurance!

SHARPLES TRADE MARK SOLVENTS

THE SHARPLES SOLVENTS CORPORATION
2300 Westmoreland St., Phila., Pa. • 80 E. Jackson Blvd., Chicago, Ill. • 551 Fifth Ave., N.Y.C.

Amyl, alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works .....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.65
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works.lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.30 - 1.35
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .28 - .30
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .45 - .50
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14½ - —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .11½ - .12
Star, bgs.....lb. .15 - .16
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .07¾- .08½
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .16½- —
Needle, powd., bbls.....lb. .14 - .16
Oxide, bbls., c.l.....lb. .15½- —
l.c.l.....lb. .15¾- —
Salts, 65%, kgs.....lb. .23¾- .24
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c. lb., lb. .12½- .15¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, conc., bbls....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity..... 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .35 - .36
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .08¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .55 - .75
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton. 35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 27.00 - —
7D, bgs., c.l., (30 tons), Canad. mines..ton. 23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines—ton. 14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08½- —
smaller lots, f.o.b. N. Y.lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points .....ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 36.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 49.50 - —
Jet, bgs., c.l., Western shipping points..ton. 30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst. refinery, gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.85 - —

B

Balm of Gilead buds, bgs.....lb. .38 - .40
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .10 - .11
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton. 44.00 - —
99%, 200 mesh, bgs., c.l., works..ton. 47.00 - —
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works .....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works .....ton. 62.50 - —
sulphur-free bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs. .....lb. .16½- .17½
Barium, chloride, C.P., cryst., bbls..lb. .19 - —
dms .....lb. .20 - —
chloride, tech., dom., cryst., bgs., c.l., Zone 1, divd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line.....ton. 72.00 - —
Zone 1, bbls., same basis. ton. 74.00 - —
l.c.l., bgs., same basis, ton. 85.00 - —
bbls., same basis..ton. 87.00 - —
Zone 2, bgs., c.l., divd. Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 76.00 - —
bbls., same basis..ton. 78.00 - —
l.c.l., bgs., same basis, ton. 89.00 - —
bbls., same basis..ton. 91.00 - —
Zone 3, bgs., c.l., divd. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton. 82.00 - —
bbls., same basis..ton. 84.00 - —
l.c.l., bgs., same basis, ton. 95.00 - —
bbls., same basis..ton. 97.00 - —
Zone 4, bgs., c.l., divd. Wash., Ore., Calif., Nev..ton. 78.00 - —
bbls., same basis..ton. 80.00 - —
l.c.l., same basis....ton. 91.00 - —
bbls., same basis..ton. 93.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bb's.....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots.....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis. ton. 22.85- —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore.ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.30 - —
Southern off color, bulk, mines..ton. 12.00 - —
95.75%, bulk, mines.....ton. 16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton. 25.00 -26.00
l.c.l., ex wrhse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock. ton. 13.00 -14.00

Amyl Alcohol—Berberis Root

Barytes, Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex wrhse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 Nom.
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .12 - .13
Bentonite, 200 mesh, bgs., Wyo. works..ton. 11.00 - —
325 mesh, bgs., Wyo. works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .96
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 2.50
Berberine bisulphate, cns.....lb. 13.00 -13.25
Hydrochloride, cns.....lb. 13.00 -13.25
Sulphate cns.. .....lb. 14.75 -15.00
Berberis root, bls.....lb. .15 - .16

Keeping Faith
WITH AN INDUSTRY
To be fair and helpful in all its relations is Crown Can's stated purpose and policy. Yet such a purpose without adequate performance could bring but little benefit to users of cans.
This season's operations of Crown Can have fulfilled every obligation. Its huge, modern plants have produced millions of cans. Deliveries have been made to many parts of the country. The work of its field men and laboratory staff has been highly pleasing to customers.
Packers and other users of cans have expressed their hearty approval of Crown Can's policy and performance. Crown Can has done the job it set out to do. Crown Can has kept the faith.
Continued success of this mutually beneficial policy depends on team work. Are you with us?
PACKERS CANS FOR 1937
sold f.o.b. Philadelphia, Baltimore, St. Louis, Houston, Madison and other selected points.
Crown Cans
CROWN CAN COMPANY · PHILADELPHIA, PA.
ST. LOUIS · HOUSTON · MADISON
Independent and Helpful
DIVISION OF CROWN CORK & SEAL COMPANY

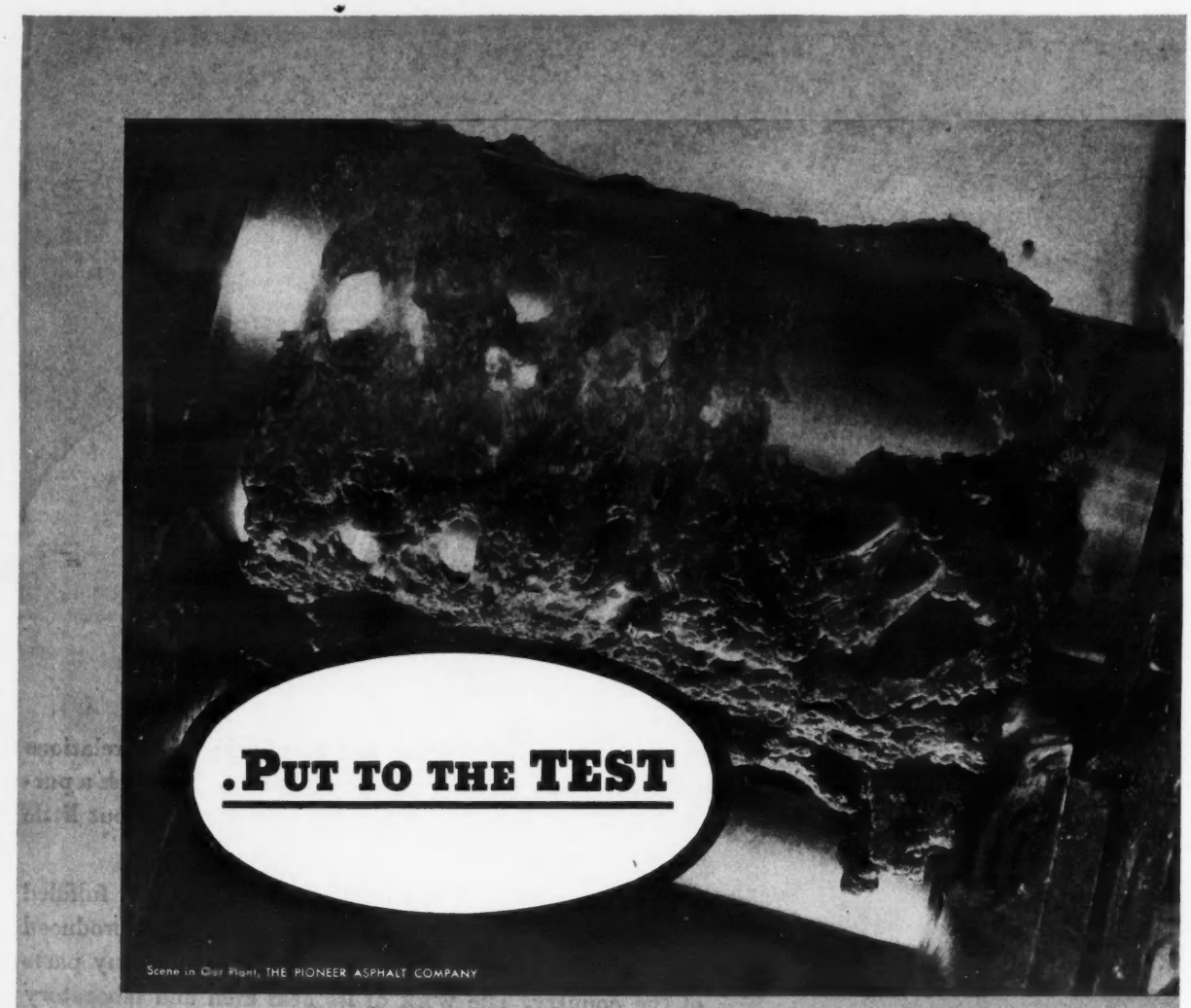
Betanaphthol—Borage

Betanaphthol, sublm., bbls....lb. .55 - —
kgs. ....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works....lb. .24 - —
Benzoate, fib. dms....lb. 2.10 - —
kgs. ....lb. 2.00 - —
Betanaphylamine, tech., kgs..lb. .51 - —
Beth root, bls....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars ....lb. 2.65 - —
Hydroxide, 5-lb. bots....lb. 3.27 - —
cns. ....lb. 3.15 - —
Metal, ton lots....lb. 1.00 - —
Nitrate, cryst., 5-lb., bots...lb. 1.34 - —
cns. ....lb. 1.20 - —
Oxychloride, 5-lb. bots....lb. 3.04 - —
cns., kgs....lb. 2.95 - —
Subbenzoate, 5-lb. bots....lb. 3.36 - —
cns. ....lb. 3.25 - —
Subcarbonate, bots., cns....lb. 1.32 - 1.53
fib. dms....lb. 1.23 - 1.26
X-ray, 5-lb. bots....lb. 2.52 - —
fib. dms....lb. 2.46 - —
Subgallate, bots., cns....lb. 1.42 - 1.65
fib. dms....lb. 1.33 - 1.36
Subiodide, cns....lb. 3.91 - —
fib. dms....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.22 - 1.48
fib., dms....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots..lb. 3.61 - —
fib. dms....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. ....lb. 3.45 - —

Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. ....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12½- —
l.c.l., frt. alld. E....lb. .13 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E....lb. .10 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E....lb. .08 - —
6, bbls, bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld. E....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd....lb. .07½- —
ctns., l.c.l., dlvd....lb. .08¼- —
cs., l.c.l., dlvd....lb. .09 - —
2, bgs., c.l., works....lb. .08½- —
l.c.l., dlvd....lb. .10½- —
cs., l.c.l., dlvd....lb. .12 - —
3, bgs., c.l., works....lb. .13 - —
l.c.l., dlvd....lb. .14½- —
cs., l.c.l., dlvd....lb. .16½- —

Black, carbon, special, 4, bgs., c.l., works..lb. .27½- —
cs., c.l., works....lb. .29 - —
l.c.l., dlvd....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd....lb. .44 - —
6, cs., l.c.l., dlvd....lb. .60 - —
7, cs., l.c.l., dlvd....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in N. A., (water freights extra)....lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd Zone C, Pac. Cst. States.lb. .0505- —
D (Ill., Ia., Wis.)..lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y. Ohio, part of Pa., Tenn., W. Va.)...lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. 0535- —
G (Mexico)....lb. .0455- —
l.c.l., f.o.b. whse....lb. .07 - —
ctns., l.c.l., dlvd. all zones. lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).

Black, iron oxide, magnetic, 1 bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works....lb. .08¾- —
Ivory, genuine, bbls....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works....lb. .08 - —
2, ctns., c.l., works....lb. .09 - —
l.c.l., works....lb. .10 - —
2A, ctns., c.l., works...lb. .11 - —
l.c.l., works....lb. .12 - —
3, ctns., c.l., works....lb. .13 - —
l.c.l., works....lb. .14 - —
4 ctns., c.l., works....lb. .14 - —
l.c.l., works....lb. .15 - —
5, ctns., c.l., works....lb. .17 - —
l.c.l., works....lb. .18 - —
6, ctns., c.l., works....lb. .24 - —
l.c.l., works....lb. .26 - —
7, ctns., c.l., works....lb. .34 - —
l.c.l., works....lb. .35 - —
Import, 1, bbls., c. i., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y. ....lb. .12 - —
3 bbls., c.l., f.o.b. N. Y...lb. .13 - —
l.c.l., f.o.b. N. Y....lb. .14 - —
4, bbls., c.l., f.o.b., N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y....lb. .25 - —
Vine, A, bbls., works or N. Y. lb. .64¼- —
B, bbls., works or N. Y....lb. .05¾- —
Black dyes are listed under Dyes.
Black haw, root bark, bls....lb. .33 - .35
Tree bark, bls....lb. .16 - .17
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. ....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.35 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.50 - —
import, bgs. c.i.f. ports. Oct. shipt. unit-ton. 3.40 - —
soluble (see Albumen, blood)
Bloodroot, bls....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order ....lb. .37 - —
Celestial, bbls. ....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls, f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .3? -
open order....lb. .37 - —
Tungstated, peacock, kegs...lb. 4.00 - —
Victoria, kegs....lb. 3.85 - —
Ultramarine, dry, jobbing bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis..lb. .20 - —
B, bbls., same basis.lb. .23 - —
C, bbls., same basis.lb. .22 - —
D, bbls., same basis.lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basisNlb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls....lb. .15 - .16
Blue mass, USP., cns., kgs...lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 5.00 - —
16-25 bbls., same basis, 100 lbs. 5.25 - —
6-15 bbls., same basis, 100 lbs. 5.35 - —
3-5 bbls., same basis, 100 lbs. 5.60 - —
1-2 bbls., same basis. 100 lbs. 5.75 - —
monohydrated, dms., c.l. dealers..lb. .10 - —
l.c.l., dealers....lb. .11 - —
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
c.i.f., Atlantic ports...ton.31.00 - —
import, bgs., c.i.f. ports..ton.30.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.23.00 -24.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.25.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon. 60% phos., bgs., f.o.b. Chicago..ton.20.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.21.50 - —
Borage flowers, bls....lb. .20 - .21



MANUFACTURERS using Witco materials are given extra assurance of uniform quality by Witco's thoroughly scientific methods of pretesting. Before leaving our plants all products must measure up to standards that are frequently more exacting than required by those industries in which they are used. Shown here is a close-up of a step in a production process in one of Witco's plants, where standards are maintained by an unusually rigid system of checks and rechecks. The following are subject to the same stern inspection:

WITCO CARBON BLACKS are made to meet individual requirements and to satisfy the most exacting demands for quality.

WITCO TITANIUM DIOXIDE sets a new standard of fineness, ease of grinding and uniformly neutral white color.

WITCO STEARITE is steadily growing in popularity because of its higher uniformity and greater economy.

WITCO CLAY has found wide application because of its unusually soft, fluffy texture.

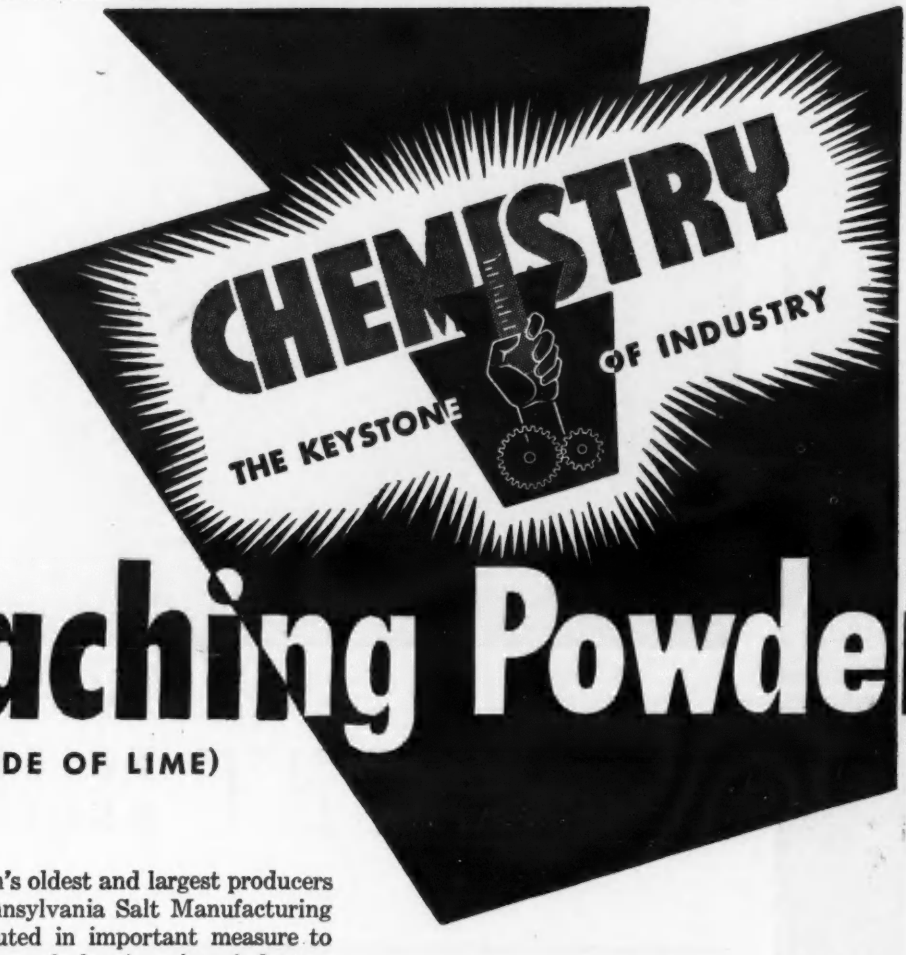
WITCO

WISHNICK-TUMPEER, INC.
Manufacturers and Importers
NEW YORK . 295 MADISON AVENUE
CHICAGO . . . . . TRIBUNE TOWER
BOSTON . . . . . 141 MILK STREET
CLEVELAND . 616 ST. CLAIR AVE., N. E.
WITCO LTD., BUSH HOUSE, LONDON W. C. 2, ENGLAND
Witco Affiliates: Witco Oil & Gas Company
The Pioneer Asphalt Company
Panhandle Carbon Company
BUY DIRECT AND PROFIT DIRECTLY

Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.52.00 - —
l.c.l., ex whse.....ton.61.00 -66.00
sks., contracts, 80 tons min., dlvd..ton.42.00 - —
l.c.l., ex whse.....ton.56.00 -61.00
bbls., contracts, 80 tons min., dlvd..ton.57.00 - —
l.c.l., ex whse.....ton.66.00 -71.00
sks., contracts, 80 tons min., dlvd..ton.47.00 - —
l.c.l., ev whse.....ton.56.00 -61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, same basis....lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .12½- —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis....lb. .11¼- —
3, bbls., same basis....lb. .10¼- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .06¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06¾- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02⅞- —
Italian, 1, bbls., f.o.b. N. Y. or works.....lb. .12½- —
2, bbls., same basis....lb. .10⅞- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .07¾- —
8, bbls., same basis....lb. .07¼- —
9, bbls., same basis....lb. .06¾- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .05 - —
Umber, American, bbls. works, lb. .02⅞- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle..lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandkye, bbls., l.c.l.....lb. .05⅝- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .51 - .53
Buckthorn bark, true, bls.....lb. .04½- .06
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¼- —
import., stands.....lb. .15 - .16
Butanes, comi., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .08 - .09
Butyl acetate, norm., dms., c.l. contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld.lb. .10½- —
tanks, contract, frt. alld.lb. .09 - —
Secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Alcohol (see Alcohol):—
Butyl aldehyde, dms., l.c.l....lb. .17½- —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .17 - —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms. frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, 100 lbs., works, frt, equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.71 - —
25 lbs., works.....lb. 1.76 - —
5 lbs., works.....lb. 1.91 - —
Iodide, bots.....lb. 4.16 - 4.21
Jars .....lb. 4.02 - —
Lithopone (see Yellow).
Metal, cs.....lb. 1.60 Nom.
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow)
Caffeine, 100 lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs., or more..lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more, lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Caffeine, citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .45 - .50
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., dlvd..... 100 lbs. 1.95 - —
Arsenate, dms., c.l., dealers, North and West..lb. .06¾- —
l.c.l., dealers.....lb. .07¼- —
Southern cotton State, dealers, dms., c.l...lb. .06½- —
l.c.l., dealers .....lb. .07 - —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt, equal'd..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms .....lb. .05 - .06
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd., ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .08 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots .....lb. 1.15 - —
cns., 25 lbs. .....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Calcium iodide, bots, jars....lb. 3.70 - 3.85
Lactate, USP., bbls., 200 lbs.lb. .25 - —
Nitrate, bgs., to fert. mfrs., ex vessel..ton.27.50 - —
Palmitate, bbls.....lb. .22 - .28
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f. Atlantic ports, shipt..unit-ton. .74 - —
tribasic, c.l., bbls., works.lb. .06¼- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works, ton.52.00 - —
l.c.l., works .....ton.56.00 - —
83/85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....lb.64.00 - —
luminous, dom., tins, works, 100 lbs. .75 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs. .....lb. .50 - —
Calendula flowers, bls.....lb. .45 - .50
Calomel, bbls., fib., dms., kgs., lb. 1.59 - 1.60
Camphor, natural, powd., cs..lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .05½- .06
Morocco, bgs.....lb. .05½- .06
Turkish, bgs.....lb. .05½- .06
Canella alba bark, bls.....lb. .37 - .38
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .90 - .95
Russian, cs.....lb. 1.25 - 1.30
powd., bxs.....lb. 1.65 - 1.70
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .07½- .08
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works..... .80 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works.. lb. .85 - —
98.5-99%, dms., ton lots, works, lb. .75 - —
smaller quantities, works.. lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works....lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —



Bleaching Powder

(CHLORIDE OF LIME)

As one of the Nation's oldest and largest producers of chemicals, Pennsylvania Salt Manufacturing Company has contributed in important measure to the consistent progress made by American industry.

Among the many quality products of this Company is Bleaching Powder (Chloride of Lime). In order to insure its freshness when it reaches customers, our policy is to avoid building up large inventories on this product. Our manufacturing facilities are such that it is always possible to supply fresh Bleaching Powder on short notice.

For large users, Bleaching Powder is packaged in non-corrosive galvanized drums holding approximately 100, 300 and 700 pounds. For small users, it is packaged in 10-pound cans. The services of our technical staff are always available.

Following are a few of the other Pennsylvania Salt Manufacturing Company products:

- CAUSTIC SODA
- KRYOLITH (NATURAL GREENLAND CRYOLITE)
- CHLORINE
- SODIUM ORTHOSILICATE, ANHYDROUS
- CARBON TETRACHLORIDE
- CARBON BISULPHIDE

TRADE MARK

PENNSYLVANIA SALT MANUFACTURING COMPANY · Est. 1850

WIDENER BLDG., PHILADELPHIA, PA.

OFFICES: NEW YORK · CHICAGO · ST. LOUIS · PITTSBURGH · TACOMA · WYANDOTTE

PENNSYLVANIA SALT Chemicals

A Guaranty of MERCK *Purity & Reliability*

ALERT TO EVERY REQUIREMENT

An able and experienced staff of research and control chemists is constantly engaged in the important work of improving manufacturing processes, and in maintaining the high standards of Merck Chemicals. These chemists do not depend upon the sense of smell or sight alone. Rigid tests are made of every chemical before it is pronounced worthy of bearing the Merck name.

If you have a manufacturing problem, or if you desire specific information on any product, your inquiry will receive prompt attention.

MERCK

MERCK & CO. Inc. *Manufacturing Chemists* **RAHWAY, N. J.**

NEW YORK · PHILADELPHIA · ST. LOUIS · *In Canada:* MERCK & CO. LTD., MONTREAL AND TORONTO

Carbon, bisulphide, 5-gal. dms., c.l., same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms. c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid. 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.65 - 1.90
decorticated, cs.....lb. 1.35 - 1.40
green, bgs.....lb. .92 - .94
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .11¾- .12
Case-hardening mixture, 45%, gran., dms., l.c.l..lb. .11½- —
lump, dms., l.c.l.....lb. .10¾- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .13 - .14
5 tons, works.....lb. .14½- —
smaller lots, works.....lb. .15 - —
80-100 mesh, bgs., c.l., dlvd., lb. .13½- .14½
5 tons, works.....lb. .15 - —
smaller lots, works.....lb. .15¼- —
import. Argent., 20-30 mesh, bgs., c.l., duty pd.lb. .18 - —
80-100 mesh, bgs., c.l., duty pd..lb. .18½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 - .18
Cassia, Batavia, 1, bgs.....lb. .16½- .16¾
3, bls.....lb. .08¼- .08¾
short stick, bls.....lb. .13¾- .14
China, rolls, select, cs.....lb. .05½- .05¾
broken, extra bls.....lb. .04 - .04¼
Saigon, bls.....lb. .16 - .16¾
Cassia buds, cs.....lb. .30 - .31
Cassia fistula, baktas.....lb. .11 - .12
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½% ammon., bgs., c.l., works..ton.22.00 - —
import, bgs., c.i.f.,ports, shipment..ton.24.25 - —
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .17 - .17½
Indian, bgs.....lb. .15 - .15½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
10. lbs., works.....lb. .58 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls. (4 bags), 5 tons, dlvd. N. Y..bbl. 6.50 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .28 - .30
Roman, bls.....lb. .24 - .25
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo.....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis.....ton.25.00 - —
Indiana.....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works, lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works...ton. 6.50 - —
99.75% 200 mesh, bgs., c.l. works..ton. 8.00 - —
l.c.l., works...ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works ton. 9.00 - —
paper bgs., c.l., works, ton.12.00 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs. .....lb. .86 - .96
100 lbs. .....lb. .88 - .97
25 lbs. .....lb. .90 - .99
1-10 lbs. .....lb. .95 - 1.02
dms., 1,000 lbs. .....lb. .80 - —
500 lbs. .....lb. .83 - —
100 lbs. .....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y...lb. .05½- —
contracts, dlvd., N.Y...lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equaid... 100 lbs. 2.55 - —
1, works, frt. equald... 100 lbs. 3.00 - —
Chloroacetophenone, tins,works.lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms... .....lb. .33 - —
Chloropicrin, coml., 185-lb. cyls., works..lb. .80 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cs., bbls.....lb. .05 - .08
Cake, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)

Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns..100 ozs.oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.f.c. bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls....lb. .17½- .17½
3, bls.....lb. .16¼- .16½
Citral, bots., cns.....lb. 1.70 - 3.15
Citrine ointment, jars, tubes.lb. .75 - —
Citronellal, bots., dms.....lb. 1.00 - 1.50
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .16 - .16¼
Zanzibar, bls.....lb. .17 - .17½
Clover tops, bgs.....lb. .12 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07¼- .09
refd., bbls., c.l., works...bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08¼- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.00 - —
refd., dms., c.l., works...dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .66 - .68
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms...lb. .32 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .26 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .15 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs..... lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .18 - .20
Cocoa butter, lumps, bgs., c.l..lb. .18½- .19
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .37 - .38
Colombo root, bls.....lb. .20 - .21
Coltsfoot leaves, bgs.....lb. .07 - .08
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba, balsam, Para, cns...lb. .34 - .35
S.A., USP, cns.....lb. .56 - .37
Copper acetate, normal, bbls., c.l., works..lb. .28 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .16½- .17½
18-20%, bbls.....lb. .10½- .12
Chloride, bbls.....lb. .15 - .17
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .13 - —
Nitrate, cryst., bbls.....lb. .15 - —
Oleate, percip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .17½- —
smaller lots, works.....lb. .18 - —
red, com'l, 50-75%, kgs., f.o.b. N.Y..lb. .19775- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast....lb. .0290 Nom.
Coriander seed, Morocco, bgs..lb. .08½- .09
bleached, bgs.....lb. .09½- .10
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.79 - —
ex whse.....100 lbs. 3.89 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.91 - —
43°, bbls., c.l. .....100 lbs. 3.96 - —
Cornsilk, bls. .....lb. .07 - .08
Corrosive sublimate, cryst., dms., lb. 1.37 - 1.58
gran., powd., dms.....lb. 1.22 - 1.28
Cottonroot bark, bls.....lb. .13 - .14
Cottonseed hull ash, 25-30% potash, bulk, dlvd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .20 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls. .....lb. .16 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .19¾- —
smaller lots, bbls.....lb. .20¼- —
kgs. .....lb. .20¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14
Coaltar solution, tanks, works gal. .118 - .128
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12½- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast, lb. .27 - —
10,000 lbs. and over, same basis..lb. .28 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —

Cube root, powd., 4% rotenone prices, 5c. per lb less. coarse grd., 4% & 5% rotenone, prices 1c. less than powd. 3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .30 - .31
powd., cs.....lb. .34 - .35
Culver's root, bls.....lb. .18 - .20
Cumin seed, Algerian, bgs.....lb. .09¼- .09½
Indian, bgs.....lb. .10 Nom.
Morocco, bgs.....lb. .09¼- .09½
Cutch, Philippine, bls., c.l...lb. .04 - —
Cyanamide, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit.. 1.15 - —
Cyanide-chloride, mixture, 75%, gran., dms..lb. .16 - .17
lump, dms .....lb. .14 - .15

D

Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .20 - .21
Deertongue leaves, bls.....lb. .13 - .15
Degras, common, dom., bbls..lb. .08 - .08½
English, bbls.....lb. .08 - .08½
neutral, dom., bbls.....lb. .13½- .15½
English, bbls.....lb. .13½- .15½
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f.o.b. N.Y.C., or Balto., frt. prepaid to West Coast ports....lb. .39 - —
30,000 lbs., contract or orders, basis..lb. .39½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
bbl., same basis....lb. .44 - —
less than 100 lbs., same basis..lb. .47 - —
import contracts, 30,000 lbs..lb. .21½- —
10,000 lbs. .....lb. .22 - —
4% rotenone prices 6c. per lb. less
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.60 - —
...c.l., f.o.b. Chicago..100 lbs. 4.70 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.45 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 4.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.50 - —
Potato, import, bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .08 Nom.
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
Import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl phthalate, dms.....lb. .21 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichloroethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .27 - —
tanks, works.....lb. .25 - —
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l.....lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylanilin, dms.....lb. .50 - —
Diethyleneglycol, dms., c.l.,works, lb. .22 - —
l.c.l., works.....lb. .23 - .26
Monobutylether, dms., works.lb. .26 - .27
Diethyleneglycol, Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, dms.....lb. .33 - .35
Diglycol oleate, light, bbls....lb. .21 - .24
Diliseed, recleaned, bgs.....lb. .07¼- .07½
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls.....lb. .16¼- .17¼
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .14½- .15½
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms, 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls, c.l., works....lb. .16 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Dogwood root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .07 - .08
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .85 - .90
Dubolsine sulphate, wis.....oz.34.50 -35.00
86 Chrome yellow 9G.....lb. .61 - .70
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
189 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
218 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25

Carbon Bisulphide—Dyes

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
364 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
384 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 8.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
..... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
..... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow O?).....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
531 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
660 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.00 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray ....lb. 1.50 - —
Blue:—
714 Patent blue A .....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue ....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
331 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .55 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .50 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G, lb. .43 - —
57 Amidonaphthol red 6B, lb. .69 - —
79 Ponceau R .....lb. .48 - —
88 Fast red B .....lb. 1.05 - —
176 Fast red A .....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A.....lb. .69 - —
252 Brilliant crocein M..lb. .66 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B .....lb. 3.50 - —
752 Rhodamine 6G .....lb. 4.50 - —
768 Eosin G .....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B....lb. .75 - —
681 Crystal violet C....lb. 1.75 - —
695 Acid violet 4BN....lb. .98 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow .....lb. .55 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .60 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

Echinacea Root—Glue

E

Echinacea root, bls.....lb. .26 - .27
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .60 Nom.
Elder flowers, bright, bls.....lb. .25 - .26
dark, bls.....lb. .22 - .23
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .40 - .42
Emetine hydrochloride, bots...oz.17.00 -18.00
Ephedra, bls.....lb. No offers
Ephedrine, tins, 100 ozs.....oz. No prices.
Hydrochloride, tins, 100 ozs..oz. No prices.
Sulphate, cryst., tins, 100 ozs.oz. No prices,
powd., tins., 100 ozs.....oz. No prices.
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs. 1 withdrawal..lb. 2.35 - —
smaller lots.....lb. 2.60 - —
kgs., c.l.....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots.....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.50 1.60
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms., 400 lbs...lb. .09 - —
cns., 35 lbs.....lb. .14 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs.. lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs.. lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06¼- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07¼- —
Acetoacetate, dms., c.l., works. lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caorоate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, cns.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld. lb. .70 - —
100 lbs., frt. alld.....lb. .75 - —
smaller lots, works.....lb. 1.00 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms, c.l., works, E. of Rockies, frt. alld..lb. .0545- —
West of Rockies, same basis..lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld..lb. .0644- —
West of Rockies, same basis..lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l.....lb. .18 - .21
tanks.....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks works.....lb. .17 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .58 - .60
Eucalyptus leaves, bls.....lb. .09 - .10
Eugenol, bgs., cns.....lb. 2.10 - 2.55
Euphorbia, bls.....lb. .06 - .06¼

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07½- .08
Indian, oags.....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04 - .04½
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .13
smaller lots, E. works. lb. .13½- .14
light, cs., 1,000 lbs. or over, works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .17
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 8.50 - 8.75
Oregon, bbls.....gal. 1.60 - 1.70
Fish berries, bgs.....lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures, unit-ton, resale. 3.40 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.51.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts..unit-ton. 2.90 & .50 Nom.
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f., ports, shipt..ton.46.50 -47.00
Flake white, bbls., kgs.....lb. .09 - .09¼
Fleaseed, French, black, bgs..lb. .10 - .11
Indian, blonde, bgs.....lb. .11 - .12
Fluorspar, enamel, 96-98%, bgs., ton.33.00 - —
Standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines. ton.20.00 -21.50
import, bulk, Atlantic ports, duty-paid..ton.23.00 -23.50
lump, 85 and 5, dom., bulk., f.o.b. Ill., Ky., mines...ton.21.00 -22.50
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No prices.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.22.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12¼- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .16 - .18
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices.
plantation, bgs.....lb. .08¾- .09
Cubes, Singapore, bgs.....lb. .10½- —
Extract, bbls.....lb. .08½ Nom.
Gasoline, at refinery:—
Bayonne, US motor, below 60 octane, tanks..gal. .07¼- —
60-65 octane, tanks....gal. .07½- .07¾
above 65 octane, tanks.gal. .08 - .08½
California, 54-58, tanks...gal. .07½- .08½
Gulf Coast, US motor, bulk, gal. .06 - —
60-62, 890 e.p., bulk, export, gal. .06½- —
60-62, 400 e.p., bulk, export, gal. .06½- —
64-66, 375 e.p., bulk, export, gal. .06¼- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05½- —
63-66 octane, tanks....gal. .05¾- .06
67-69 octane, tanks....gal. .06¼- .06¾
70-72 octane, tanks....gal. .06½- —
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¾- .05¾
63-67 octane, tanks....gal. .05¼- .05¾
68-70 octane, tanks....gal. .05¾- .06¼
60-62, 400 e.p., tanks....gal. .04¾- .05¾
64-66, 375 e.p., tanks....gal. .05 - .05¼
natural, 12-lb. vapor pres., tanks..gal. .05¾- .06
14-lb. v.p., tanks.....gals. .05½- .05¾
18-lb. v.p., tanks.....gal. .04¾- .05
22-lb. v.p., tanks.....gal. .04½- .04¾
26-70-lb., v.p., tanks..gal. .04 - .04½
Pennsylvania, US motor, below 60 octane, tanks.....gal. .05¾- .05⅞
60 octane, tanks.....gal. .07⅛- .07⅝
52-54, 450 e.p., naphtha, tanks..gal. .05⅝- .06
54-56, 400 e.p., strt, run. tanks..gal. .05¾- .06¼
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .13 - .14
Gentian root, bls.....lb. .13 - .14
grd., bbls., bxs.....lb. .15 - .16
powd., bbls., bxs.....lb. .16 - .17
Geraniol, cns., dms.....lb. .75 - 3.00
Geranyl acetate, bots., dms...lb. 1.75 - 2.50
Ginger root, African, bgs....lb. .15 - .15½
Cochin, lemon, bgs.....lb. .15½- .15¾
Jamaica, bold, bgs.....lb. .17 - .17½
grinding, bright, bgs....lb. .15½- .16
medium, bold, bgs.....lb. .16 - .16½
Japanese, bgs.....lb. .16 - .16¾
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 4.00 - 5.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate), cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
36/58, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
58/82, bgs., c.l., dlvd.....lb. .15½- —
l.c.l., dlvd.....lb. .16 - —
82/108, bgs., c.l., dlvd....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —

The quality, value, or use of a product can be indicated or expressed in terms of design and color. This, together with the more practical considerations of size, shape and construction has accounted for the success of many products. Continental has had singular success in employing all of those factors to help manufacturers gain sales impetus from good packaging. Can we help you?
Super VALSPAR
CLEAR
Brolite SYNFLEX
ANDREW BROWN CO.
KLEEN and BLEECH
Your Wood Floors
SALEM RUBLESS WAX
LOYAL
HOUSEHOLD CLEANER
SEROCO
Steam Distilled WOOD TURPENTINE
ONE QUART
POL-MER-IK
HIGHEST QUALITY
ADM
RAW
INSEED OIL
DANIELS-MIDLAND CO.
Continental Can Company
NEW YORK • CHICAGO • SAN FRANCISCO

Glue, hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .16½- —
l.c.l., same basis.....lb. .17 - —
60/164,bgs.,c.l.,same basis.lb. .18 - —
l.c.l., same basis.....lb. .18½- —
67/192,bgs.,c.l.,same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
75/222, bgs., c.l., same basis lb. .20 - —
l.c.l., same basis.....lb. .21 - —
83/251,bgs.,c.l.,same basis.lb. .21 - —
l.c.l., same basis.....lb. .22 - —
92/283,bgs.,c.l.,same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
102/315, bgs., c.l., same basis lb. .22½- —
l.c.l., same basis.....lb. .23½- —
113/347, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
125/379, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —

Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C.P., makers, cns., l.c.l. lb. .23½- .24
dms., extra, c.l.....lb. .21½- —
l.c.l. .....lb. .22 - —
dynamite, dms., extra, c.l....lb. .21½- —
l.c.l. .....lb. .22 - —
saponification, basis 88%, dms. returnable, dlvd..lb. .16 - .16½
soapiye, basis 80%, dms., returnable, dlvd..lb. .14½- .15
yellow, distilled, dms., extra, cl. lb. .23½- —
l.c.l. .....lb. .23½- —
Glycol boriborate, dms.....lb. .26 - —
Phthalate, dms.....lb. .40 - —
Stearate, dms .....lb. .27½- —
Gold, U. S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .16½- .17
Golden seal root, bls.....lb. 3.50 - 3.60
powd., bxs. .....lb. 3.75 - 3.85
Grains of paradise, bgs.....lb. .35 - .37
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .06 - —
bbls., c.l., works.....lb. .06½- —
l.c.l., works .....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .05½- .06
White, trcs.....lb. .06¾- .08
Yellow, trcs.....lb. .05½- .06
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

reduced, C.P. color content up 5%, bbls., same basis, lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —

Chrome, oxide, dom., pure.bbl. .21 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l. works.....lb. .30 - —
standard grade bbls works..lb. .19 - .20
tetrahydroxide, bbls ..lb. .25 - .
Paris (see P
Tungstated, brilliant, kgs...lb. 3.75 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V

Green dyes are listed under Dyes.

cindella robusta bls .....lb. .08½- .10
Gum, Guaiac resin, cs.....lb. .23½- .24½
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, fib., dms., 25 lbs.lb. 2.20 - —
kgs. 100 lbs.....lb. 2.15 - —
Guarana, powd., cs.....lb. 1.20 - 1.25
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .13 - .13½
white, sorts, 1, bgs.....lb. .29 - .30
2, bgs .....lb. .27 - .28
powd., bbls.....lb. .16½- .17
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.40 - 1.65
Sumatra, cs. .....lb. .15 - .25
Camphor (see C)
Chicle, bgs.....lb. .40 - .48
Copal, Congo I, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .46 - —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

2, cloudy, white, bgs., c.l., same basis..lb. .31½- —

Gum, copal, Congo, 3, selected pale straw bold, bgs., c.l., same basis..lb. .20 - —
4, pale bold straw, bgs., c.l., same basis..lb. .20½- —
5, pale straw bold, bgs., c.l., same basis..lb. .15½- —
6, pale amber bold, bgs., c.l., same basis..lb. .15½- —
7, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
8, light amber bold, bgs., c.l., same basis..lb. .14¾- —
9, medium light amber bold, bgs., c.l., same basis..lb. .11¼- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .10¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .08¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .08 - —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .08½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .06¼- —
17, pale fingers, bgs., c.l., same basis..lb. .18¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .13¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .12¼- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .09¼- —
21, ordinary selected nubs, c.l., same basis..lb. .08¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .07¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .07¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .16¾- —

Gum, copal, Congo, 25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .07¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .07¾- —
27, pale small chips, bgs., c.l., same basis..lb. .06½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .05¾- —
East India, Batu, bold scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .05¾- —
dust.,bgs.,c.l.,same basis, lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .10¾- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis, lb. .04¾- —
dust,bgs.,c.l.,same basis.lb. .03¾- —
nubs,bgs.,c.l.,same basis.lb. .10¾- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —

Gum, copal, Manila, Loba A, bskts., c.l., same basis..lb. .12 - —
B,bskts.,c.l., same basis.lb. .11½- —
C,bskts.,c.l., same basis.lb. .11¼- —
CNE, bskts., c.l., same basis..lb. .07¾- —
D, bskts., c.l., same basis. lb. .09¾- —
DK, bskts.,c.l., same basis, lb. .07¾- —
DU, bskts., c.l.,same basis, lb. .08¾- —
dust,bskts.,c.l., same basis, lb. .06¾- —
Sambas and white split chips, basks., c.l., same basis..lb. .14¾- —
Singapore, dust, bskts., c.l., same basis..lb. .06¾- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB,bskts.,c.l.,same basis, lb. .08¾- —
MA, bskts., c.l.,same basis, lb. .07¼- —
MB, bskts.,c.l.,same basis, lb. .06¾- —
WS, bskts.,c.l.,same basis, lb. .08¾- —
Philippine Manila, amber sorts, bskts., c.l., same basis...lb. 37¾- —
chips, pale, bskts., c.l., same basis..lb. .08¾- —
small, bskts., c.l., same basis..lb. .07¾- —
extra pale sorts, bskts., c.l., same basis..lb. .09¼- —
nubs, bskts., c.l., same basis..lb. .11¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06½- —

Advertising ..THE CONTENTS

Great sales possibilities exist in HINDE & DAUCH shipping boxes... for advertising the contents in transit and merchandising them at point-of-sale. These skillfully designed boxes achieve unusual effects. Outstanding colors attract the eye, create favorable attention, increase sales. It's an important job for a shipping box.

HINDE & DAUCH Corrugated Shipping Boxes

H&D Protects in Transit

THE HINDE & DAUCH PAPER COMPANY
209 DECATUR STREET SANDUSKY, OHIO
Send me your FREE book, "Corrugated Boxes for Paint, Varnish, Lacquer and Enamel."

Name_____ Pos._____
Company_____
Address_____
City_____ State_____

Gum Copal—Licorice Root

Gum, copal, Pontianak, bold, genuine, bgs., same basis..lb. .16½- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs, c.l., same basis...lb. .10½- —
split, bgs., c.l., same basis. lb. .14⅝- —
nubs, bgs., c.l., same basis.lb. .12⅝- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .25½- —
A/D, cs., c.l., same b asis.lb. .20½- —
A/E, cs., c.l., same basis.lb. .17½- —
B, cs., c.l., same basis...lb. .24 - —
C, cs., c.l., same basis...lb. .20⅝- —
D, cs., c.l., same basis...lb. .17½- —
dust, cs., c.l., same basis.lb. .06⅝- —
E, cs., c.l., same basis...lb. .08½- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore, 1, cs., c.l., same basis..lb. .22 - —
2, cs., c.l., same basis....lb. .16¼- —
3, cs., c.l., same basis....lb. .05¾- —
chips, cs., c.l., same basis.lb. .13½- —
dust., cs., c.l., same basis.lb. .03¾- —
seeds, cs., c.l., same basis.lb. .09½- —
Elemi, cns., c.l., same basis as copal..lb. .09⅜- —
Ester, dms., 75,000 lbs., dlvd. lb. .10 - —
c.l., single shipment, dlvd. lb. .10¼- —
l.c.l., dlvd.....lb. .10½- —
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .80 Nom.
powd., bbls.....lb. .85 Nom.
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms..lb. .27 - .30
XX, bbls., bxs., dms.....lb. .18 - .19
1, bbls., bxs., dms.....lb. .12 - .13
2, bbls., bxs., dms.....lb. .11 - .12
Kauri, brown, XXX, cs., c.l., lb. .60 - —
XX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .13⅝- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.00 - 2.10
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .37 - .40
Olibanum, siftings, cs.....lb. .07½- .18
tears, cs.....lb. .13 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .25 - .26
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .27 - .29
sorts, bgs.....lb. .13 - .13½
Talna, bgs.....lb. .07½- .08
Thus, bbls.....280 lbs. 13.75 -14.00
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 3.00
2, cs.....lb. 2.40 - 2.45
3, cs.....lb. 2 35 - 2 40
4, cs.....lb. 2.30 - 2.35
5, cs.....lb. 2.25 - 2.30
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —

Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 21.15 - —
Medicine Lodge, Kans., frt. equald..ton. 17.00 - —
New Brighton, N. Y., frt. equald..ton. 27.15 - —
Southard, Okla., frt. equald..ton. 17.00 - —
Sweetwater, Tex., frt. equald..ton. 21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 12.50 - —
Blue Rapids, Kans., frt. equald..ton. 12.50 - —
New Brighton, N. Y., frt. equald..ton. 15.70 - —
Southard, Okla., frt. equald..ton. 12.50 - —
Sweetwater, Tex., frt. equald..ton. 12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald, ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton. 12.00 - —
import, bgs., ex dock....ton. 27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.30
Hellebore, white root, powd., bbls. lb. .12 - .13
Helonias root, bls.....lb. .70 - .75
Hematine crystals, bbls.....lb. .18 - .34
Hemlock extract, 25% tan., bbls. lb. .03 - .03¼
Hempseed, Manchur, bgs.....lb. .04¾- .05
Henbane leaves, bls.....lb. .20 - .21
Henna leaves, bls.....lb. .07½- .09
powd., bbls, bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more, shipments, same basis, lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz. 13.00 - —
25 ozs.....oz. 13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.40 - —
Hops, dom., 1936 crop, bls.....lb. .46 - .51
import., 1936 crop, bls.....lb. .55 - .70
Horehound, bls.....lb. .13 - .14
Hydrangea root, bls.....lb. .12 - .13
Hydrastine, bots., 4 ozs.....oz. 17.25 - —
cns., 16 ozs.....oz. 17.00 - —
Hydrochloride, bots., 4 ozs...oz. 17.25 - —
cns., 16 ozs.....oz. 17.00 - —
Sulphate, bots., 4 ozs.....oz. 19.25 - —
cns., 16 oz.....oz. 19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. R. lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz. 18.00 -19.00
Hyoscyamine, bots.....oz. 15.00 - —
Hydrobromide, bots.....oz. 15.00 - —
Sulphate, bots.....oz. 15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs.....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb. 34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.15 - —
kgs, 150 lbs.....lb. .90 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.65 - —
cbys., 5 gals.....gal. 1.75 - —
mild, bbls., 47 gals.....gal. .90 - —
cbys., 5 gals.....gal. 1.00 - —
Iodoform, dms., 100 lbs.....lb. 3.75 - —
jrs., 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.30 - 1.35
powd., bxs.....lb. 1.45 - 1.50
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .19 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
IV, djns., 50 lbs.....lb. .16 - —
Chloride, tech., cryst., bbls., kgs..lb. .05 - .08
USP, cryst., bbls., 500 lbs..lb. .07½- —
kgs., 100 lbs.....lb. .08½- —
solut., USP, cbys., 130 lbs., lb. .06½- —
djns., 50 lbs.....lb. .16 - —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots.....lb. .52 - —
Nitrate, coml., kgs.....lb. .02⅝- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.),
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs.....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

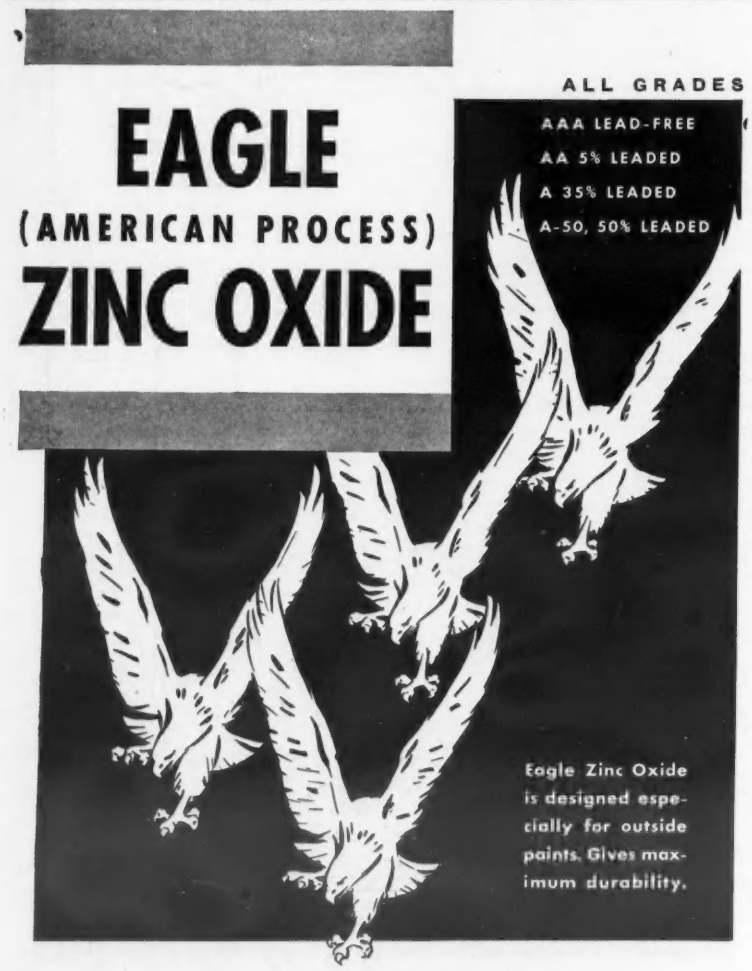
Jaborandi leaves, bls.....lb. .14 - .15
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .38 - .40
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks. gal. .05¾- .06
Gulf ports, p.w., bulk, export, gal. .05¼- —
w.w., bulk..gal. .05¼- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04½- .04¾
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04¼
42-44 w.w., tanks.....gal. .04½- .04¾
Pennsylvania, 43 w.w., tanks. gal. .05¼- —
46 w.w., tanks.....gal. .05¾- —
47 w.w., tanks.....gal. .05½- —
Kerosene, tankwagon:—
Atlanta.....gal. .12 - —
Boston.....gal. .08½- —
Chicago.....gal. .10[illegible] -
Cincinnati.....gal. .13½- —
Denver.....gal. .11½- —
Louisville.....gal. .10½- —
Minneapolis.....gal. .10½- —
New Orleans.....gal. .13 - —
New York.....gal. .09 - —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nut, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae)
Lard, city, tubs.....100 lbs. 12.25 -12.50
Middlewestern, trcs....100 lbs. 11.45 -11.55
Neutral, trcs.....100 lbs. 13.00 -13.25
Western, choice, trcs..100 lbs. 11.50 -11.60
Compound, trcs.....100 lbs. 10.25 -10.50
Larkspur seed, bgs.....lb. .35 - .38
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05½- .06
Lavender flowers, ordinary, bls. lb. .35 - .40
select, bls.....lb. .50 - .55
Lead acetate, white, broken, bbls..lb. .12 - —
cryst., bbls.....lb. .12 - —
gran., bbls.....lb. .12¾- —
powd., bbls.....lb. .12¾- —
Arsenate, dms., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11½- —
1,000 lbs. or more, dealers dms., E. of Rockies..lb. .12 - —
W. of Rockies.....lb. .11¾- —
less than 1,000 lbs., dealers, E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12½- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd., E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07¾- —
l.c.l., dlvd., E.....lb. .07¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .08 - —
Carbonate (see Lead, white)
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars.....lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .22½- —
5 lb. cont., f.o.b. works..lb. .23½- —
Nitrate, bbls.....lb. .11 - .11¼
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
other points....lb. .08½- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¾- —
Colo., Mont., N. Mex., Wyo.....lb. .09½- —
other points.....lb. .09 - —
smaller lots, dlvd., Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
97%, Pb_3O_4, bbls., c.l., (20 tons) dlvd., Ala., etc., lb. .09 - —
other points....lb. .08¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09½- —
(Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
smaller lots dlvd., Ala., etc..lb. .10 - —
Ariz.....lb. .10½- —
Colo.....lb. .10 - —
other points.....lb. .09¾- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
smaller lots, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
in oil, 100-lb. kgs., agents. lb. .11¾- —
Resinate, fused, 16%, bbls....lb. .09½- —
pale, bbls.....lb. .11¼- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .12 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .12¼- —
smaller lots.....lb. .12½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash and Wyo..lb. .08¼- —
other points.....lb. .08 - —
l.c.l. dlvd. Ariz., etc..lb. .08½- —
other points.....lb. .08¼- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07¾- —
in oil, 100-lb. kgs., consumers..lb. .13 - —
dealers.....lb. .11 - —
painters.....lb. .12 - —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .17 - .18



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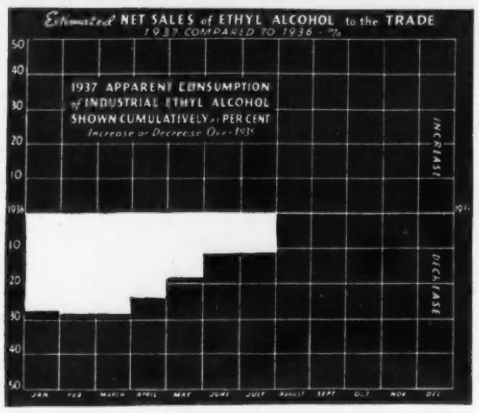
ALCOHOL NEWS

October ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1937



Apparent consumption of industrial ethyl alcohol from Jan. 1 to July 31, 1937, was 29,895,000 wine gallons. This is 11.3 per cent less than during the same period in 1936 when 33,675,000 wine gallons were consumed.

Germicide From Coconut Oil Acids Is Rated High

WASHINGTON, D. C.—Evidence that a new derivative of coconut oil fatty acids, alkyl-dimethyl - benzyl - ammonium chloride, may prove a signficant addition to useful antiseptics is presented in a report published here.

The new compound, according to the report, retains inhibitory potency for *Staphylococcus aureus* in aqueous concentrations as dilute as 1:100,000. Similarly, phenol coefficients (F.D.A.) of 293 at 37° C. and 275 at 20° C. for *Staphylococcus* are said to have been obtained.

Ten per cent solutions of the compound in distilled water or in ethyl alcohol are asserted to have destroyed microbial life on the human skin without any apparent dermal irritation.

Tests with three other organisms as well as with several types of bacterial spores and molds are also covered in the report.

Drug Labels Must Reveal Active Ingredients—FDA

Labels of pharmaceutical products will soon be required to reveal all active ingredients, according to a press release by Enforcement Chief Walter G. Campbell, of the Food and Drug Administration. While not required in the past, this is in harmony with the present wording of the Food and Drugs Act, Mr. Campbell states.

A joint committee from the American Drug and Pharmaceutical Manufacturers Associations will probably confer with F.D.A. to work out the retitling.

According to Mr. Campbell, "When alkaloids, strychnine, arsenic, and similar potent drugs are ingredients . . . the title should declare the fact. It is not sufficient to include mention of such ingredients on the label while omitting them from the title of the product. In the case of inactive or non-potent drugs, the term, mixture or compound, is adequate, but not otherwise. The problem is principally one of working out in the titling on small packages the operation of this general principle of standardization."

The first supplement to U.S.P. XI has been released and will become official December 1, according to an announcement by E. Fullerton Cook, chairman of the Committee of Revision. All the texts revised to June 1, 1937, are reprinted in full in this 100-page booklet.

Paris Style Experts Decree Wide Use of Perfumes in Fall Fashions

Return to Perfumed Jewelry, Skirt Hems, Luxurious Furs and Bustles Is High Point in Elegance of New Mode

If there is one thing certain about the Paris fashion showings that took place a short time ago, it must be their effect on perfumes. For, few or no observers are willing to deny that the dominant trend of blending costumes and accessories will echo an even greater note in the use of perfumes.

Where? The answer appears to be everywhere. Gowns may flow or drape. If they have bustles they will certainly need a touch of fragrance. And skirt hems! More often than not they will be scented. At least, so have spoken the mighty.

Perfumed ankles? They will be proper, especially if the scent is applied to mesh stockings. A definite sachet fragrance is ordered for gloves and handkerchief.

This should give one an idea. Yet, it merely hints at all that is in store.

Many Accessories

The hair, this year more brilliant with ornaments and accessories than ever, will definitely call forth a new kind of magic in the application of odeurs.

And—of all things—perfumed jewelry, experts declare, is on its way back. Those who have nostalgic memories of medallions, rings, brooches and earrings, each with its place for a touch of scent cleverly contrived, will appreciate what this means.

Yet, one feature of the fashions spells PERFUME in bigger letters than all others. It is *furs*—loads of them: foxes (blue, black and silver), marten, Lelong's popular wild sheep dyed like nutria, to name only a few.

(*Continued on next page*)

Announce Synthesis of Dye-like Barbiturates

EASTON, Pa.—Colored barbiturates, which chemists hope will be the means of affording a deeper insight into hypnosis by virtue of their selective staining action on nerve cells, have been synthesized, it is revealed in a recent issue of the *Journal of the American Chemical Society* published here.

Compounds which give alcoholic solutions ranging from red to orange-red in color are among those covered in the report. One such substance was obtained by nitrating 1-phenyl-5, 5-diethylbarbituric acid, reducing this to an amine, diazotizing and coupling with various compounds to give azo dyes.

Acetone Is Important Aid In Poison Ivy Injections

MINNEAPOLIS, Minn.—Acetone is an important ingredient in a new prophylactic injection for immunizing against poison ivy and poison sumac, according to reports published here. Results of experiments on CCC workers are given. Four injections weekly of 1.0 cc. of almond oil containing 10 per cent of acetone, and 0.66 per cent of solids extracted from poison ivy leaves with acetone and freed from chlorophyl, were used.

A second group was treated with 0.5 cc. injections of the same solution but containing 0.10 per cent of solids.

While two-thirds of an untreated group and 20 per cent of the second group suffered ivy dermatitis, the report continues, only seven per cent of the first group contracted the skin infection.

ELEGANCE

The draped bodice, feature of the new fall and winter fashions, is an appealing motif in the black satin gown with fitted jacket of white lace. Puffed sleeves on the jacket and an uneven hemline on the dress emphasize the sophisticated mood. Final note is the use of carefully selected perfumes on hair, skirt hem and ankles.

International Fashions

ADVERTISEMENT—*This entire page is a paid advertisement.*

October ★ **ALCOHOL NEWS** ★ 1937

Lay Cause of Pyorrhea to Vitamin C Deficiency; Government Sets Abrasive Limits For Toothpastes

CAMBRIDGE, Mass.—Evidence that the underlying causes of pyorrhea and scurvy may be one and the same—lack of an adequate intake of vitamin C—has been uncovered here in the laboratories of the Harvard Dental School, according to a recent report in *Science*.

While cautioning that their evidence is not yet complete, the Harvard dentists report that in virtually every case where animal and human controls had subnormal vitamin C blood contents pyorrhea manifested itself, usually in a severity proportional to the vitamin deficiency.

The report points out that maintaining the vitamin C intake at a level of 50 milligrams daily affords a means of warding off the disease and suggests an intake of 150 to 200 milligrams as a therapeutic measure.

WASHINGTON, D. C.—An abrasion test for toothpastes, so sensitive that it can detect the presence of 0.001% of emery or similar harsh abrasive materials, will be used in the future to check the quality of pastes purchased by the government, it was made known in a bulletin of the National Bureau of Standards.

Other Tests Devised

The test, one of several devised by the National Bureau of Standards, is part of new Federal Specification FFF-D-191 which sets forth definite requirements for acidity and alkalinity, packaging, marking, etc.

Manufacturers who have established that their toothpastes meet this specification are at liberty to indicate this on the labels of products sold to the general public, according to the announcement.

Wide Use of Perfumes In New Fall Fashions

(*Continued from previous page*)

The gamut runs from the fur pillboxes of Suzy through innumerable muffs, sleeves and backed gloves to coats. They call for an imposing array of suitable fragrances.

Some good genius—should he come along—might do worse than compose an essay on the association of perfumes with the new winter colors. For, while black is still king, the splashing colors, the "shocking" pinks of Schiaparelli, the candy pink of Maggy Rouff, the purples of Vionnet and Schiaparelli, the Dérain green of good Captain Molyneux, the rusts of many other dressmakers, make the fall pageant an unusually lively one.

At very least, colors are already having their effect on make-up, for there is a tendency to have the make-up, particularly eyeshadow and mascara, match the tone of hats and evening turbans, according to reports from abroad.

As to the types of odeurs that will prevail this winter there is no complete agreement, although many of the great perfumers have brought out new and striking creations.

Sophisticated Odeurs

One well-known observer professes to see a trend toward heavier and dry types of florals for daytime wear. In fact, the straight floral is "out," according to several sources. Or, if you care to take another observer's edict, the prevailng scents will be "not cloying or sweet." At any rate, sophisticated bouquets appear often in the comments that are heard.

Among specific examples that so far have been mentioned, carnation and rose geranium boast of a number of adherents. Wild sybelline has its champions, while, warn other consultants, "don't sell wood violet short." Of course it need not be emphasized that furs, especially the formal types, make secure the place of orientals.

Finally perfumers are told that they must direct their appeal to "the woman of thirty." She will be queen—a fascinating queen and "not a wide-eyed ingenué." The dressmakers, frankly influenced by the directoire period, the baroque and the rococco, have draped their hopes around a feminine figure with a noticeably high-rounded bust, a flat to concave diapraghm and rounded but small hips.

It is an attractive figure, a studied figure. And it bears intensive study by perfumers.

Webb and U.S.I. Serve Perfumers Since 1835

When stage coaches rumbled up Broadway and drinking water was an article of commerce, the firm of James A. Webb and Son was supplying "cologne spirits" to America's premier perfumers.

Today, the U. S. Industrial Alcohol Co., now parent company of James A. Webb and Son, continues this service begun in 1835. Thorough technical resources have brought forward nearer to perfection the purity of the pure and denatured alcohols that perfumers demand.

The following grades of specially denatured alcohol, especially adapted to the needs of perfumers, are rigidly tested for freedom from foreign odor, and behavior on aging.

S.D. No. 39-B
To 100 gallons of ethyl alcohol add: 2½ gallons of diethyl phthalate and ⅛ gallon of denaturing grade tertiary butyl alcohol.

S.D. No. 39-C
To 100 gallons of ethyl alcohol add: 1 gallon diethyl phthalate.

Stocks are available at principal points throughout the country.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

A new bromo acid solvent, now on the market, is said to be finding growing use in lipstick manufacture. Reports state that it is considerably more effective than castor oil or other common solvents used for this purpose. It is featured by pleasant odor and low price, according to the manufacturer. **(No. 21a)**

U S I

Ti tree oil, an Australian essential oil reported to have a germicidal power 11 times greater than that of carbolic acid, is now available to American manufacturers, according to a recent announcement. The importer states that the oil is mildly aromatic, non-toxic and non-irritating. Suggested uses are in creams, lipsticks, aftershave lotions, etc. **(No. 22a)**

U S I

An emulsifying agent which can produce emulsions on the acid side was announced recently. It is described as a light colored, wax-like solid free from soaps, amines and inorganic salts and easily dispersed in water. **(No. 23a)**

U S I

Melting-points of solids up to 300 deg. C. can be determined, reports the manufacturer of a new instrument for this purpose. It consists simply of an electrically-heated stage, a magnifying glass, thermometer and transformer. The thermometer is read when the material, observed through the magnifying glass, is seen to melt. **(No. 24a)**

U S I

A new soft type absorption base containing **free** lanolin was announced recently. Having the consistency of a heavy syrup, it is reported to possess excellent emulsifying properties. **(No. 25a)**

U S I

A new 2 percent sulphur base that is transparent and miscible with oils has been reported. Said to be soluble in petroleum, animal and vegetable oils and in various waxes and alcohol, it is suggested for hair tonic, shampoos, scalp salves among other pharmaceutical and cosmetic uses. **(No. 26a)**

U S I

Collapsibe tubes, which have the crimped end sealed with latex, are reported to eliminate "breathing" or leaking due to changes in temperature. It is claimed that the latex closure makes the tube completely airtight. **(No. 27a)**

U S I

Extra fine cosmetic lanolin is reported available from an American supplier. It is said to be light in color, to have little odor, and to form a product less tacky than some grades of lanolin. **(No. 28a)**

U S I

Synthetic gum in liquid form, which can be applied cold by brushing, spraying or dipping, was announced recently. It is said to withstand the action of hot or cold acids (nitric excepted) or alkalies. Suggested uses are on lab tables, fans handling corrosive fumes, plating racks, etc. **(No. 29a)**

U S I

Particle size distribution of fine dry powdered materials can now be analyzed according to the manufacturer of a new roller particle size analyzer. Applicable to most materials finer than 200 mesh and greater than colloidal, the analyzer is said to give fractions as small as 0 to 5 or 0 to 3 microns conveniently. **(No. 30a)**

U.S. INDUSTRIAL ALCOHOL CO.

WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ALCOHOL

ETHYL ALCOHOL

SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*

SOLOX-*The General Solvent* • U. S. I. DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*

PURE (190 PROOF) TAX PAID—TAX FREE

U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa. ....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa..ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio .....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La. .....ton. 7.00 - —
Farnams, Mass. ....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo. .....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn...ton. 6.25 - —
Leroy, Minn. .....ton. 8.00 - —
Limedale, Ark. .....ton. 7.00 - —
Longview, Ala. ....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich. ..ton. 7.50 - —
Mitchell, Ind. .....ton. 6.50 - —
Newala, Ala. .....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Ripplemead, Va. ....ton. 6.25 - —
Riverton, Va. .....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis. ....ton. 7.00 - —
Sherwood, Wis. ....ton. 7.50 - —
Springfield, Mo. .....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —

hydrated, paper bags, f.o.b.
Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern..ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa....ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio .....ton. 8.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Easton, La. .....ton. 9.00 - —
Farnams, Mass. .....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo. .....ton. 8.50 - —
Keystone, Ala. .....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark. ....ton. 9.00 - —
Longview, Ala. .....ton. 9.00 - —
Louisville, Ky. .....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind. .....ton.12.50 - —
Mitchell, Ind. .....ton. 9.00 - —
Newala, Ala. .....ton. 9.00 - —
Pelham, Ala. .....ton. 9.00 - —
Petoisky, Mich. .....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va. ....ton. 8.00 - —
Riverton, Va. .....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —

spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio .....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —

Lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .14½
dealer, fr't all'd.....gal. .13 - .16
l.c.l., consumer, fr't all'd, gal. .15 - .18
dealer, fr't all'd.....gal. .14 - .17
tanks, consumer, dlvd...gal. .11½- —
dealer, dlvd.....gal. .11 - —

Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, cns., 25 lbs...lb. 1.70 - 2.45
Linden flowers, with leaves, bls.lb. .18 - .19
without leaves, bls.....lb. .20 - .21
Linseed cake, bgs., export....ton.30.50 - —
Meal, 32%, dom., bgs.....ton.41.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
other points.....lb. .07½- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .08¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points .....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points .....lb. .08½- —

Lithium bromide, 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, bbls., 250 lbs....lb. 1.25 - —
kgs., 100 lbs.....lb. 1.30 - —
Chloride, jars, 25 lbs.....lb. 1.65 - 1.70
Citrate, bbls., 250 lbs.....lb. 1.40 - —
lib. dms., 25 lbs.....lb. 1.45 - —
kgs., 100 lbs.....lb. 1.40 - —
Iodide, bots., 5 lbs.....lb. 4.85 - —
jars, 25 lbs.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.25

Lithopone, dom., high-strength, bgs., 20 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .05⅞- —
smaller lots, same basis.lb. .06⅛- —
bbls., 20 tons, same basis, lb. .06⅛- —
smaller lots, same basis.lb. .06⅜- —
ordinary, bgs., 20 tons, same basis..lb. .04⅜- —
smaller lots, same basis.lb. .04⅝- —
bbls., 20 tons, same basis, lb. .04⅝- —
smaller lots, same basis.lb. .04⅞- —
titanated, bgs., 20 tons, same basis..lb. .05⅞- —
smaller lots, same basis.lb. .06⅛- —
bbls., 20 tons, same basis, lb. .06⅛- —
smaller lots, same basis.lb. .06⅜- —

Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, crystal., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11⅛
solid bxs.....lb. .15 - .19
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .35 - .37
Lupulin N.F. tins.....lb. 1.75 - 2.00
Lycopodium, cs.....lb. 1.30 - 1.35

M

Mace, Banda, cs.....lb. .57 - .58
Batavia, cs.....lb. .48 - .49
Siauw, 1, cs.....lb. .53 - .54
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia arsenate, cs., dms..lb. .18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.....lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis, lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —

Magnesia, calcined, U.S.P., special, bbls., same basis..lb. .27 - —
super light, bbls., same basis..lb. .30 - —
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l. .....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l. .....lb. .08¾- —
l.c.l. .....lb. .09½- —
Zone 2, bgs., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
bbls., c.l. .....lb. .07 - —
l.c.l. .....lb. .07½- —
kgs., c.l. .....lb. .08½- —
l.c.l. .....lb. .09 - —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l. .....lb. .09¾- —
l.c.l. .....lb. .10½- —
Zone 2, works, bbls., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
kgs., c.l.....lb. .09½- —
l.c.l. .....lb. .10 - —

Zone 1:—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts., frt. alld., including dlvd. storedoor. Zone 2:—Balance of U. S.

Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.95

Lime—Manganese Hydrate

Magnesia, silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10⅛
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt)
Magnesite, cal., import, bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Malva flowers, black, bls....lb. .40 - .42
Blue, bls. .....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .17 - .18
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .21 - .22
Chloride, bbls.....lb. .09 - —
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.66.50 - —
l.c.l., 5 tons, works..ton.69.50 - —
smaller lots, works.ton.74.50 - —
burlap bgs., c.l., works.ton.64.50 - —
l.c.l., 5 tons, works..ton.67.50 - —
smaller lots, works.ton.72.50 - —
paper bgs., c.l., works.ton.62.50 - —
l.c.l., 5 tons, works.ton.65.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.61 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000 lbs. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .32 - —

Gloss THAT STAYS GLOSSY

"PONOLITH" EL

For Air-Dry and Baked Enamels

HERE is a pigment which combines all the properties most desirable in formulating enamels and gloss paints. Paints of this type made with "PONOLITH" EL are distinguished by their superior gloss, smooth film, and retention of gloss and color.

Manufacturers favor this outstanding lithopone because of its extremely fine texture, uniform particle size, and freedom from grit. Easy mixing and a minimum of grinding save time and cut power costs.

Other important properties of this popular pigment are its better flowing and leveling, and its resistance to yellowing and loss of body on aging. It has great whitening power, even in dark vehicles.

The usefulness of "PONOLITH" EL has recently been extended by the development of a new grade (#117) especially designed for quick-drying synthetic vehicles.

Our technical representatives will be glad to help you with your pigment problems. We have a full selection of high-grade white pigments and chemical dry colors.

WHITE PIGMENTS AND KREBS PIGMENTS CHEMICAL DRY COLORS

KREBS PIGMENT & COLOR CORP.... 1007 Orange Street, Wilmington, Delaware

Manganese Iod.—Molybdenum

Manganese, iodide, bots., 5 lbs. lb. 5.25 - —
jars, 25 lbs. lb. 5.10 - —
Linoleate, liquid, 4% dms. lb. .18 - .19½
solid, precip., 8.2%, bbls. lb. .19 - —
Ore, 50-52%, basis, bbls., c.l. Atl. ports. unit-ton. .50 Nom.
Resinate, fused, 3½%, bbls. lb. .08¼- .08½
precip., dms. lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South. ton. 48.75 - —
l.c.l., bgs. ton. 55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works. lb. .06½- —
smaller lots, works. lb. .04 - —
Mangrove bark, bgs., shipt. ton. 25.50 -26.00
Manna flake, large, cs. lb. .40 - .42
small, cs. lb. .20 - .22
Mannitol, pure, cryst., cs., works. lb. 1.45 - —
Marble flour, bgs. ton. 12.00 -14.00
Marjoram, French, bbls. lb. .20 - .20½
Tunisian, bls. lb. .16 Nom.
Matico leaves, bls. lb. .28 - .30
Menthol, USP, natural, cs. lb. 3.40 - 3.50
synthetic, tech., cs. lb. 2.25 - —
U.S.P., cs. lb. 3.25 - —
liquid, dms., 40 lbs. lb. 1.60 - —
Menthyl salicylate, tins, 100 lb. lots. lb. 3.00 - —
25 lb. lots. lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. lb. .87 - —
25 lbs. lb. .89 - —
50% pails, 50 lbs. lb. 1.26 - —
25 lbs. lb. 1.28 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Mercury, bisulphate, bots., 5 lbs., lb. 1.81 - —
fib., dms., 100 lbs. lb. 1.68 - —
jars, 25 lbs. lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs. lb. 3.67 - —
cns., 25 lbs. lb. 3.55 - —
fib. dms., 100 lbs. lb. 3.55 - —
yellow, bls., 5 lbs. lb. 3.67 - —
cns., 25 lbs. lb. 3.63 - —
fib. dms., 100 lbs. lb. 3.65 - —
Nitrate ointment (see Citrine ointment)
Oxide red, N.F. (see Red precipitate)
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl. lb. 1.49 - 1.50
USP, fib. dms. lb. 2.01 - 2.08
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs. lb. 1.10 - 1.12
Mesityl oxide, cns., works. lb. .25½- .27½
dms., c.l., works. lb. .21 - —
l.c.l., works lb. .21½- —
tanks, works lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in. pkg. 1.50 - 1.75
Composition, 5½x5½ in. pkg. 1.70 - 1.80
Gold, XX deep, 3⅜x3⅜ in. pkg. 14.25 -14.75
3⅜x3⅜ in. pkg. 15.50 -16.50
4x4 in. pkg. 18.50 -19.00
5⅛x5⅛ in. pkg. 21.50 -22.00
5⅞x5⅞ in. pkg. 23.50 -24.00
Silver, 3⅜x3⅜ in. pkg. 2.25 - 2.35
Metanitroanilin, kgs. lb. .67 Nom.
Metanitroparatoluidin, bbls. lb. 1.45 - —
Metaphenylenediamine, kgs. lb. .80 - —
Metatoluylenedaimine, kgs. lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies. gal. .44 - —
tanks, frt. alld., E. of Rockies. gal. .38 - —
Methanol, pure, nat'l or synth., dms., c.l., Zone 1, frt. alld. gal. .38 - —
2, frt. alld. gal. .41 - —
3, frt. alld. gal. .42 - —
4, frt. alld. gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd. gal. .40½- —
2, frt. alld. or dlvd. gal. .43 - —
3, frt. alld. or dlvd. gal. .44½- —
4, frt. alld. or dlvd. gal. .60 - —
tanks, Zone 1, frt. alld. gal. .33 - —
2, frt. alld. gal. .35½- —
3, frt. alld. gal. .36½- —
4, frt. alld. gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt. alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies. lb. .16 - —
W. of Rockies. lb. .16½- —
l.c.l., frt. alld. E. of Rockies. lb. .17 - —
W. of Rockies. lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies. lb. .13 - —
W. of Rockies. lb. .13½- —
l.c.l., frt. alld. E. of Rockies. lb. .14 - —
W. of Rockies. lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld. lb. .29½- —
Methyl acetone, nat., dms., c.l., contracts, Zone 1. gal. .36 - —
2, gal. .39 - —
3, gal. .40 - —
4, gal. .42 - —
tanks, contracts, Zone 1. gal. .30 - —
2 gal. .32½- —
3 gal. .33½- —
4 gal. .34 - —

Methyl acetone, natural, prices are quoted for direct shipment from refinery f.o.b. shipping point, freight allowed to destination; barrell packing, 2½c. per gal. more, in all brackets. The sale zones are: Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies. gal. .42 - —
2, frt. alld. E. of Rockies. gal. .45 - —
3, Pacific coast. gal. .46 - —
l.c.l., Zone 1, frt. alld. E of Rockies. gal. .44½- —
l.c.l., Zone 2, frt. alld. E. of Rockies. gal. .51 - —
3, Pacific Cst. gal. .48½- —
tanks, Zone 1, frt. alld. E. of Rockies. gal. .36 - —
2, ft. alld. E. of Rockies. gal. .38½- —
3, Pacific Coast. gal. .39½- —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast.

Alcohol (see Methanol).
Anthranilate, bots. lb. 1.95 - 2.05
Benzoate, cns, 25 lbs. lb. .70 - 1.00
Chloride, refrigeration, 500 lb. and up, machine mfrs. and jobbers, cylinders. lb. .32- —
service men and consumers, cyl. lb. .36 - —
60 to 499 lbs, cyl., mach. mfrs. and jobbers. lb. .36 - —
service men and consumers, cyl. lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers. lb. .31 - —
service men and consumers, lb. .35 - —

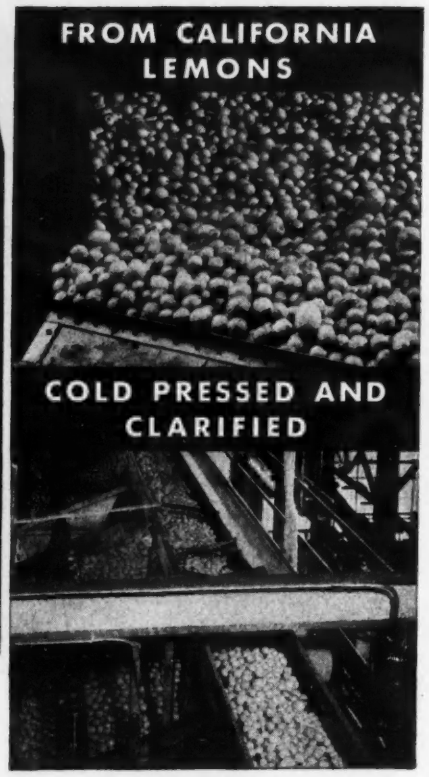
Methyl chloride prices are spot or contract, effective Juy 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130 lbs. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bots. lb. 3.00 - 3.75
Formate, dms. lb. .35 - .36
Iodide, bots. jars lb. 5.80 - 5.85
Methyl, salicylate, dms. lb. .40 - .43
tins lb. .42 - .45
Violet toner, bbls. (500 lbs.). lb. .40 - —
smaller lots. lb. .42 - —
permanent, bbls. lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts. lb. .11½- —
l.c.l., same terms. lb. .12 - —
tanks, same terms. lb. .10½- —
Methylene blue, medicl., kgs., 100 lbs. lb. 2.00 - —
cns., 5 lbs. lb. 2.35 - —
Chloride, dms., f.o.b. works. lb. .18 - .22
Methylheptenone, bots. lb. 3.50 - 3.00
Methylheptin carbonate, bots. lb. 27.50 -44.00
Methylhexyl ketone, dms., tech., wks. lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks. gal. .76 - —
l.c.l. wks. gal. .80 - —
tanks, wks. gal. .70 - —
Methylnaphtyl ketone, cryst., bots. lb. 2.10 - 2.25
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l. lb. .16 - —
l.c.l. lb. .20 - —
tanks lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee. ton. 9.00 - —
l.c.l., same basis ton. 11.00 - —
180 mesh, containers extra, c.l., same basis. ton. 11.00 - —
l.c.l., same basis ton. 13.00 - —
250 mesh, containers, extra, c.l., same basis. ton. 13.00 - —
l.c.l., same basis ton. 15.00 - —
325 mesh, containers extra, c.l., same basis. ton. 18.00 - —
l.c.l., same basis ton. 20.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs., c.l., works. ton. 35.00 - —
l.c.l. works ton. 43.75 - —
second grade, bgs., c.l., works. ton. 33.00 - —
l.c.l., works ton. 41.25 - —
250, 100 mesh, bgs., c.l., works. ton. 40.00 -50.00
l.c.l., works ton. 50.00 -66.00
second grade, bgs., c.l., works. ton. 23.90 -30.00
l.c.l., works ton. 29.90 -47.50
300, 140 mesh, bgs., c.l., works. ton. 50.00 - —
l.c.l., works ton. 62.50 - —
roofing, bgs., c.l., works. ton. 23.50 -30.00
l.c.l., works ton. 30.00 -37.50
wet-ground, paint, oil or lacquer, bgs., c.l., dlvd. E. lb. .04¼- —
l.c.l., works lb. .04¼- —
water, bgs., c.l., dlvd. E. lb. .04 - —
l.c.l., works lb. .04 - —
paper, wall or coated bgs., c.l., frt. alld., E. lb. .03¾- —
l.c.l., 2,000 lbs., frt. all., E. lb. .04¼- —
smaller lots, frt. alld., E. lb. .04¾- —
rubber, bgs., c.l., frt. alld., E. lb. .03½- —
l.c.l., 2,000 lbs., ft., alld., E. lb. .04 - —
smaller lots, frt. alld., E. lb. .04½- —

wet-ground mica prices are ½c. per pound higher on Pacific coast.

Milk powder, skimmed, roller, bbls., c.l. lb. .07½- —
l.c.l. lb. .08½- —
spray, bbls., c.l. lb. .08½- —
l.c.l. lb. .09½- —
unskimmed, roller, bbls., c.l. lb. .17 - —
l.c.l. lb. .17½- —
spray, bbls., c.l. lb. .17 - —
l.c.l. lb. .17½- —
Millet seed, bgs. lb. .02¾- .03
hulled, bgs. lb. .06½- .07
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks. gal. .07 - —
New Orleans gal. .06½- —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd. lb. No prices

A U.S.P. OIL FOR THE AMERICAN TASTE



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Copr., 1936, California Fruit Growers Exchange, Products Dept.

Exchange BRAND
OIL OF LEMON
U.S.P.

Monoamylamine, dms., c.l., wks.	lb.	.52	- —
l.c.l., works	lb.	.55	- —
Monobutylamine, dms., l.c.l., works	lb.	.65	- —
Monochlorobenzene, dms	lb.	.06	- .08½
Monoethanolamine, dms., c.l., works	lb.	.26	- —
l.c.l., dms	lb.	.27	- —
tanks	lb.	.25	- —
Monoethylaniliin, dms	lb.	.77	Nom.
Monomethylpara-aminophenol sulphate, dms	lb.	3.75	- 4.00
Morphine, bots., 5 ozs	oz.	11.10	- —
cns., 25 ozs	oz.	10.90	- —
Acetate, bots., 5 ozs	oz.	9.00	- —
cns., 25 ozs	oz.	8.80	- —
Ethylhydrochloride, bots., 5 ozs.,	oz.	10.75	- —
cns., 25 ozs	oz.	10.55	- —
Hydrobromide, bots., 5 ozs.	oz.	8.95	- —
cns., 25 ozs	oz.	8.75	- —
Sulphate, bots., 5 ozs	oz.	9.00	- —
cns., 25 ozs	oz.	8.80	- —
Mullein flowers, cns	lb.	.85	- .90
Leaves, bls	lb.	.07	- .08
Musk, nat., Tonquin, grained, bots.	oz.	21.00	-22.00
pods, caddies, 20 ozs	oz.	19.00	-21.00
synth., ambrette, cns., 100 lbs. or more	lb.	3.90	- —
5 lbs. to 75 lbs	lb.	4.20	- —
1 lb	lb.	4.35	- —
Ketone, cns., 100 lbs. or more,	lb.	4.05	- —
5 lbs. to 75 lbs	lb.	4.35	- —
1 lb	lb.	4.50	- —
Xylol, cns., 100 lbs. or more	lb.	1.15	- —
5 lbs. to 75 lbs	lb.	1.25	- —
1 lb	lb.	1.40	- —
Musk root, bls	lb.	.16	- .17
Mustard seed, Bombay, brown, bgs.	lb.	.06½	- .06¾
California, brown, bgs	lb.	.07¾	- .08¼
yellow, bgs	lb.	No stocks	
Chinese, yellow, bgs	lb.	.05¾	- .06¼
Danish, yellow, bgs	lb.	.08¾	- .09½
Dutch, yellow, bgs	lb.	.08	- .08½
English, yellow, bgs	lb.	.08¾	- .09¼
Hungarian, yellow, bgs	lb.	.07¾	- .07¾
Roumanian, yellow, bgs	lb.	.06	- .06½
Myrobalans, J1. bgs., shipt.	ton.	20.00	- —
J. bgs., shipt	ton.	20.50	- —
R2, bgs., shipt	ton.	20.00	- —
Extract, liquid, 25%, bbls	lb.	.04¼	- .05¼

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).			
Solvent (see S).			
Naphthalene, crude, dom., 74 deg., works.	100 lbs.	2.50	- 2.75
import., bgs., Atlantic ports,	100 lbs.	2.25	- 2.50
78 deg., dom., bgs., works,	100 lbs.	3.00	- 3.25
import, bgs., Atl. ports,	100 lbs.	2.75	- 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.	lb.	.07¼	- —
jobbers, cs., same basis.	lb.	.07½	- —
pkgs. (16 oz.), same basis.	lb.	.08	- —
(12 oz.) same basis	pkg.	.08¼	- —
Naphthalene, refined, chipped, crushed, bbls., same basis.	lb.	.06¼	- —
rice, cryst., powd., bbls., same	lb.	.07¼	- —
Nerolin, cryst., cns	lb.	1.25	- 1.35
Nickel carbonate, bbls	lb.	.86	- .87½
Chloride, bbls	lb.	.18	- .20
Oxide, black, bbls	lb.	.35	- .38
Salt, double, bbls	lb.	.12	- .13½
single, bbls	lb.	.12	- .13½
Nicotine sulphate, 40%, dms., works, frt. alld.	lb.	.76	-
10-lb. tins	lb.	.86½	- —
Nitercake, bulk, works	ton.	16.00	- —
Nitrobenzene, dbl. dist., dms., l.c.l.	lb.	.06	- —
l.c.l.	lb.	.09	- —
tanks	lb.	.07¼	- —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works.	lb.	.28	- —
bronzing, 20, 40, 70 sec. vis., bbls., works.	lb.	.29	- —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works.	lb.	.22	- —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls.	lb.	.26	- —
lacquer, 20-30 and 60-80 sec. vis., bbls., works	lb.	.29	- —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports.	unit-ton.	1.04	- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Fall shipt. dlvd.	unit-ton.	2.40	- —
Chemical, Ill.	unit-ton.	2.40	- —
East Coast producing points.	unit-ton.	3.00	- 3.10
import., bgs., c.i.f. Atlantic ports, ship.	unit-ton.	3.00	- —
Nitronaphthalene, bbls	lb.	.24	- .25
Nitrotoluene, mixed, dms	lb.	.10½	- .11
Nutgalls, Aleppo, bgs., cs	lb.	No prices	
Chinese, shipmt., cs	lb.	No prices	
Extract (see Gall extract).			
Nutmegs, 80s, bgs., cs	lb.	.19½	- .19¾
110s, bgs., cs	lb.	.17½	- .17¾
West Indian, bgs	lb.	.13¾	- .14
Nux vomica, bls	lb.	.06	- .07
powd., bbls., bxs	lb.	.06¼	- .07

O

Oakbark extract, 25% tan., bbls., c. l., works.	lb.	.03¼	- —
l.c.l., bbls., works	lb.	.03¼	- —
Ocher (see Yellow).			
Octanes, 100-140° C., mixed, dms., c.l., G.3.	gal.	.13	- —
l.c.l., G.3.	gal.	.15	- —
tanks, G.3.	gal.	.10½	- —
Octyl acetate, dms., c.l., works.	lb.	.16	- —
l.c.l., works	lb.	.17	- —
tanks, works	lb.	.15	- —
Oil, almond, bitter, artif. (see Benzaldehyde).			
natural, bots	lb.	2.25	- 2.75
s.p.a., bots	lb.	2.00	- 2.50
sweet, true, exp., cns	lb.	.75	- .80
Amber, crude, cns	lb.	.16	- .17
refd., cns	lb.	.45	- .46
Amyris, cns	lb.	3.00	- 3.25
Angelica root, bots	lb.	64.00	-75.00
Seed, bots	lb.	70.00	-80.00
Anilin (see A).			
Anise, USP, cns., dms	lb.	1.45	Nom.
Apricot kernel, cns	lb.	.30	- .31
Babassu, tanks, futures	lb.	.07½	- .07¾
Bay, W. I., cns	lb.	1.50	- 1.70
Bergamot, artif., cns	lb.	1.25	- 1.30
natural, coppers	lb.	4.00	- 4.10
Betula (see Oil, sweet birch).			
Birch (see Oil, sweet birch).			
Birch tar, crude, dms	lb.	.14	- .17
rectif'd., cns	lb.	.70	- .75
Oil, Bois de rose, Brazil, cans.	lb.	1.25	- 1.35
Cayenne, cns	lb.	2.75	- 3.00
Cade, USP IX (see Oil, juniper tar).			
Cajeput, tech., dms	lb.	.64	- .65
USP IX, cns	lb.	.72	- .75
Calamus, cns	lb.	5.50	- 5.75
Camphor, sassafrassy, cns	lb.	.22	- .28
dms.	lb.	.19	- .20
white, cns.	lb.	.21	- .22
dms.	lb.	.18	- .19
Canan.ga, native, cns	lb.	1.75	- 2.25
rectified, cns	lb.	3.00	- 3.25
Capsicum (oleoresin), USP VIII, cns.	lb.	2.00	- 2.25
Caraway, USP, cns	lb.	2.10	- 2.25
Cardamom, bots	lb.	20.00	-38.00
Cassia, USP, cns., dms	lb.	1.35	Nom.
Castor, blown, one-way dms., c.l.	lb.	.12¼	- —
l.c.l.	lb.	.13	- —
medicinal, bbls., c.l.	lb.	.10¾	- —
l.c.l.	lb.	.11½	- —
cns. (1-gal), l.c.l.	lb.	.14½	- —
dms. (returnable), c.l.	lb.	.10½	- —
l.c.l.	lb.	.11¼	- —
(5-gal.), l.c.l.	lb.	.12½	- —
tanks	lb.	.10	- —
No. 3, bbls., c.l.	lb.	.10¼	- —
l.c.l.	lb.	.11	- —
dms. (returnable), c.l.	lb.	.10	- —
l.c.l.	lb.	.10¾	- —
tanks	lb.	.09½	- —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (43% fat), dms., c.l.	lb.	.08	- —
l.c.l.	lb.	.08½	- —
75% (63% fat), dms., c.l.	lb.	.11½	- —
l.c.l.	lb.	.12	- —
80% (68% fat), dms., c.l.	lb.	.12½	- —
l.c.l.	lb.	.13	- —
Cedarleaf, cns	lb.	1.00	- 1.10
dms.	lb.	.95	- 1.10
Cedarwood, Oregon, cns., dms.,	lb.	.28	- .30
Southern, cns., dms	lb.	.24	- .26
Celery, bots	lb.	10.50	-12.50
Chaulmoogra, USP, cns., 500 lbs.	lb.	.90	- —
25 lbs	lb.	1.00	- —
Chinawood, dms., Atlantic Cst.	lb.	.24	Nom.
tanks	lb.	.24	Nom.
Cinnamon, Ceylon, bots	lb.	8.00	-22.00
Seychelle, bots	lb.	6.50	- 7.50
Citronella, Ceylon, cns	lb.	.44	- .46
dms.	lb.	.42	- .44
Java, dms	lb.	.50	- .52
Clove, makers, USP, cns	lb.	1.12	- —
dms.	lb.	1.10	- —
Coconut, Manila, crude, Nov.-Dec., tanks.	lb.	.04¾	- —
Pac. Cst.	lb.	.04½	Nom.
edible, 76°, tax incl., dms., (returnable), c.l.	lb.	.10¾	- —
l.c.l.	lb.	.11¼	- —
tanks	lb.	.10¼	- —
Cod, Newfoundland, tanked, bbls.	gal.	32	Nom.
Norwegian, shipt., bbls.	gal.	.42	Nom.
Codliver, med., USP, Norwegian, bbls.	bbl.	27.00	-28.00
Coriander, bots	lb.	24.00	-25.00
Corn, crude, tanks, works	lb.	.06¾	Nom.
refd., bbls	lb.	.10	- .10¼
Cottonseed, dom., cooking, bbls.	lb.	.08½	- —
salad, bbls	lb.	.08¾	- —
import., Brazilian semi-refd. dms.	lb.	.04¾	Nom.
British, semi-refd., dms.	lb.	.05¾	Nom.
Creosote (see C).			
Croton, USP, cns	lb.	1.80	- 1.85
Cubeb, USP, cns	lb.	2.85	- 3.10
Crude (see Petroleum, crude).			
Cumin, bots	lb.	8.50	-10.00
Cypress, dom., bots	lb.	5.25	- 5.50
import., cns	lb.	12.00	-12.25
Degras (see D)			
Diesel, Bayonne, bulk	bbl.	2.20	- —
California, 27 plus, bulk	bbl.	1.90	- 1.25
Dill seed, bots	lb.	3.15	- 3.50
Weed, bots	lb.	4.10	- 4.20
Dip (See D):—			
Erigeron, cns	lb.	2.00	- 2.25
Eucalyptus, cns	lb.	.44	- .46
dms.	lb.	.42	- .44
Fennel, sweet, cns	lb.	1.20	- 1.30
Fuel, bunker, California, tide-water	bbl.	1.05	- 1.20
Gulf Coast	bbl.	1.00	- 1.05
Louisiana - Arkansas, 10-14,	bbl.	.80	- .85
N. Y. and N. J. terminals:—			
Monday	bbl.	1.35	- 1.50
Tuesday	bbl.	1.35	- 1.50
Wednesday	bbl.	1.35	- 1.50
Thursday	bbl.	1.35	- 1.50
Friday	bbl.	1.35	- 1.50
Saturday	bbl.	1.35	- 1.50
North Texas, 18-22	bbl.	.80	- .85
24-28, zero cold test	bbl.	.95	- 1.05
Oklahoma, 18-22	bbl.	.85	- .90
24-28, zero cold test	bbl.	1.07½	- 1.12½
24-28, 15 and above	bbl.	.90	- .95
Pennsylvania, 36-40	gal.	.04½	- .04⅝
Furnace, Bayonne, 1, bulk, refinery.	gal.	.05½	- —
2, bulk, same basis	gal.	.05¾	- —
3, bulk, same basis	gal.	.05	- —
4, bulk, same basis	gal.	.04⅞	- —
Louisiana - Arkansas, 32 - 36, light straw.	gal.	.03¾	- .04
Oklahoma, 28-30	gal.	.03¼	- .03½
32-36	gal.	.03¼	- .03⅝
36-38	gal.	.03⅝	- .03⅞
38-40, straw	gal.	.03⅝	- .04
38-40 zero, 60 e.p.	gal.	.03¾	- .04
Fusel (see F).			
Gas, Bayonne, bulk	gal.	.04¾	- —
Gulf Coast, bulk	gal.	.03½	- .03⅝
North Texas, bulk	gal.	.02¾	- .03
Oklahoma, bulk	gal.	.02⅞	- .03⅛
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.	lb.	4.00	- 4.75
Bourbon, cns	lb.	3.75	- 4.00
Turkish (see Palmarosa).			
Grapefruit, cns	lb.	2.20	- 3.00
Ginger, dist., bots	lb.	8.00	- 8.50
Guaiac wood, concrete, bots.	lb.	8.10	- 8.18
Haarlem, import, bots.	gross	3.25	- 3.35
Halibut-liver, dms., 1,000 A unit-gal.		.75	- 1.00
Hemlock, cns	lb.	1.05	- 1.10
Juniper berry, USP, cns	lb.	1.20	- 1.75
Wood, tech., cns	lb.	.45	- —
Juniper tar, U.S.P.XI, 1,000 lb. dms.	lb.	.43	- .45
cns.	lb.	.48	- .50
Lard, common, 1, bbls	lb.	.10¾	- —
2, bbls	lb.	.10½	- —
extra, bbls	lb.	.12¾	- —
1, bbls	lb.	.11	- —
headlight, burning, bbls	lb.	.14	- —
prime, ed., bbls	lb.	.15	- —
ined., bbls	lb.	.14	- —
Lard, winter, strained, extra bbls.	lb.	.13	- —
prime, bbls	lb.	.13¼	- —
Laurel, bots	lb.	6.50	- 6.75
Lavandin, cns., 25 lbs	lb.	2.25	- —
Lavender flower, French, USP, 50% ester, cns	lb.	5.50	- 5.60
USP, 38-42% ester, cns.	lb.	4.80	- 4.90
XI, 35% ester, cns	lb.	4.00	- 4.50
XI, 30% ester, cns	lb.	2.80	- 3.00
IX, 30% ester, cns	lb.	2.65	- 2.75
VIII, 30% ester, cns	lb.	2.25	- 2.35
Oil, lavender, garden, cns	lb.	.42	- .45
Spike, Spanish, tech., cns.	lb.	1.05	- 1.10
dms	lb.	.95	- 1.10
Lemon, Calif., cns	lb.	2.75	- —
Messina, coppers, cns	lb.	2.90	- 3.50
Lemongrass, native, cns., dms.,	lb.	.42	- .43
Lime, dist., cans	lb.	5.50	- 6.00
expressed, cans	lb.	8.75	- 9.25
Linaloe wood, cns	lb.	1.15	- 1.20
Linseed, boiled, bbls., c.l.	lb.	.1140	- —
l.c.l., 5 or more	lb.	.1180	- —
less than 5	lb.	.1220	- .1240
tanks	lb.	.1080	- —
double boiled, bbls., less than 5.	lbs.	.1240	- .1260
raw, bbls., c.l.	lb.	.1100	- —
l.c.l., 5 or more	lb.	.1140	- —
less than 5	lb.	.1180	- —
tanks	lb.	.1040	- —
Lovage, bots	lb.	41.25	-72.00

Lubricating, at refinery (including U.S. tax 4c. per gal.):—

California, green, 70, 80, 100, vis., dms.	gal.	.20	- —
140 vis., dms.	gal.	.25	- —
green, pale, 750, 900 vis., dms.	gal.	.26	- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms.	gal.	.26	- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks.	gal.	.21	- —
15-25 pour, tanks.	gal.	.20	- —
150-160 D, 0-10 pour tanks.	gal.	.23	- —
15-25 pour, tanks.	gal.	.22½	- —
150-160 E, 15-25 pour, tanks.	gal.	.22	- —
190-200 D, 15-25 pour, tanks.	gal.	.26	- —
200-210 E, 15-25 pour, tanks.	gal.	.25	- —
neutrals, 0-10 pour, vis., 3 color, tans.	gal.	.18	- —
180 vis., 3 color, tanks,	gal.	.14	- —
4 color, tanks.	gal.	.13¼	- —
200 vis., 3 color, tanks,	gal.	.14½	- —
4 color, tanks.	gal.	.14	- —
250 vis., 3 color, tanks,	gal.	.15½	- —
4 color, tanks.	gal.	.15	- —
280 vis., 3 color, tanks,	gal.	.16½	- —
4 color, tanks.	gal.	.16	- —
300 vis., 3½, color, tanks.	gal.	.17	- —
350 vis., same basis.	gal.	.17½	- —
400 vis., same basis.	gal.	.18	- —
500 vis., same basis.	gal.	.18½	- —
600 vis., same basis.	gal.	.19	- —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour

Penn., bright, 600 cold test, 10-40 pour, tanks.	gal.	.22	- —
10-15 pour, tanks.	gal.	.23	- —
cylinder, 600 fire, tanks.	gal.	.14¼	- —
600 flash, tanks	gal.	.18	- —
630 flash, tanks	gal.	.22	- —
635 fire, tanks	gal.	.16	- —
650 fire, tanks	gal.	.17½	- —
Warren, E, amber, tanks,	gal.	.19	- —
neutral, 150 vis., 3 color, tanks.	gal.	.24	- —
180 vis., 3 color, tanks.	gal.	.26	- —
200 vis., 2 color, tanks.	gal.	.28½	- —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.32	- —
unfiltered, 600 s.r. bbls., f.a.s.	gal.	.28	- —
600 flash, s.r., bbls.	gal.	.30½	- —
650 s.r. bbls., c.l., f.a.s.	gal.	.28	- —
Warren, E, bbls., c.l., f.a.s.	gal.	.30	- —
smaller lots, f.o.b.	gal.	.32½	-
Mace, dist., cns., dms	lb.	1.25	- 1.30
Mandarin, superior, coppers.	lb.	8.10	- 8.25
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.35	Nom.
refd., alkali, dms	lb.	.0800	- —
tanks	lb.	.0740	- —
blown, dms	lb.	.0800	- —
kettle-bodied, dms	lb.	.0900	- —
light pressed, dms	lb.	.0740	- —
tanks	lb.	.0670	- —
Mineral, white (see Oil, white mineral)			
Mustard, artif., USP, cns	lb.	1.90	- 2.00
dist., natural, bots	lb.	8.50	- 9.00
expressed, bbls	lb.	.90	- .95
Neatsfoot, cold test, bbls.	lb.	.17¼	- —
extra, bbls	lb.	.11¼	- —
1, bbls	lb.	.11	- —
pure, bbls	lb.	.12¾	- —
special, bbls	lb.	.13	- —
sulphonated, common, 25% moisture, dms.	lb.	.10½	- —
Neroli, bots	lb.	115.00	-140.00
Nutmeg, USP, cns., dms	lb.	1.25	- 1.30
Olticica, dms	lb.	.18	Nom.
Oleo, 1, bbls	lb.	13.00	- —
2, bbls	lb.	12.25	- —
Olibanum, bots	lb.	5.00	- 5.25
Olive, denat., bbls	gal.	1.30	-Nom.
edible, bbls	gal.	2.40	Nom.
foots, bbls	lb.	.10¾	Nom.
sulphonated, 50% (43% fat), dms., c.l.	lb.	.12	- —
l.c.l.	lb.	.12½	- —
75% (63% fat), dms., c.l.	lb.	.13½	- —
l.c.l.	lb.	.16	- —
80% (68% fat), dms., c.l.	lb.	.16½	- —
l.c.l.	lb.	.17	- —
Orange, sweet, dist., cs.	lb.	.90	- —
expressed, African, cns.,	dms.	1.75	- 1.80
Calif., cns.	lb.	2.50	- —
Florida, cns.	lb.	2.50	- 2.65
Messina, USP, coppers.	lb.	2.75	- 3.50
West India, cns.	lb.	2.25	- 2.30
Origanum, Spanish, cns	lb.	.90	- 1.60
Orris, Florentine, concrete, extra strong, bots.	oz.	5.25	- 5.50
Palm, Niger, cks	lb.	.04½	Nom.
shipment	lb.	.04¼	Nom.
softs, 12½%, bulk shipt.	lb.	.0390	Nom.
20%, bulk, shipt	lb.	.0380	Nom.
Sumatra, shipment, bulk	lb.	.03¾	Nom.
Palmarosa, cns	lb.	2.90	- 3.00
Palmkernel, bulk, shipt	lb.	.05	Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼	- —
330° flash, 70-80 vis., tanks, G. 3.	gal.	.05½	- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12	- —
350° flash, 100-105 vis., bbls. extra, Ind. refy.	gal.	.14	- —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾	- —
Patchouli, bots., cns	lb.	5.00	- 8.50
Peanut, crude, dom., tanks, works.	lb.	.06½	Nom.
refd., edible, bbls	lb.	.10½	Nom
Pennyroyal, dom., cns	lb.	1.40	- 1.45
import, cns	lb.	1.40	- 1.50
Peppermint, natural, cns., dms.	lb.	2.35	- 2.60
redist., USP, cns., dms	lb.	2.55	- 2.70
Perilla, dms	lb.	.14	- .14½
tanks	lb.	.13½	- .13¾
Petitgrain, Paraguay, cns	lb.	1.10	- 1.25
Pimento berry, cns	lb.	2.75	- 4.00
leaf, cns	lb.	2.40	- 2.50

Monamylamine—Orthotol.

Oil, pine, dest.-dist., straw-color, dms., dlvd., E. ports.	gal.	.52	- .56
steam-dist., dms	gal.	99	- —
tanks	gal.	94	- —
Pineneedle, Siberian, cns	lb.	1.02	- 1.05
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½	- —
contracts	gal.	.19¼	- —
Whiting, Ind.	gal.	.28	- —
dms., c.l., Bost., Provid.	gal.	.25	- —
l.c.l., same basis	gal.	.27	- —
tanks, same basis	gal.	.18	- —
Martinez, Cal.	gal.	.28	- —
Rapeseed, blown, bbls	lb.	.14½	- .14¾
denat., bbls	gal.	.95	- .96
Red, dist. or saponif., dms.	dlvd.	.10¾	- .11⅜
dms., dlvd.	lb.	.10¼	- .11¼
tanks dlvd	lb.	.09½	- .10¼
white, dms	lb.	.12⅞	- .13⅜
Rose, artif., bots	oz.	2.00	- 8.00
natural, coppers	oz.	5.25	-22.50
Rosemary, Spanish, cns	lb.	.56	- .75
dms.,	lb.	.51	Nom.
Rosin, 1st, rectfd., dms	gal.	.58	- .60
2d rectfd., dms	gal.	.60	- .62
3d rectfd., dms	gal.	.64	- .66
Rue, bots	lb.	2.15	- 2.20
Sage, cns	lb.	1.65	- 1.70
Sandalwood, Australia, cns	lb.	4.50	- 5.00
E.I., USP, cns	lb.	5.25	- 5.50
Sardine, crude, tanks, Pac. Cst.,	gal.	.36	Nom.
refd., alkali, dms	lb.	.0800	- —
tanks	lb.	.0740	- —
kettle-bodied, dms	lb.	.0900	- —
light, pressed, dms	lb.	.0740	- —
tanks	lb.	.0670	- —
Sassafras, artif., cns	lb.	.41	- .42
dms.	lb.	.39	- .40
natural, cns., dms	lb.	.90	- 1.05
Savin, cns	lb.	1.50	- 1.60
Savory, cns.	lb.	3.15	- 3.20
Sesame, dom., refd., white, dms.	lb.	.10½	Nom.
Shingle stain, bbls., c.l., works,	gal.	.18	- —
l.c.l., works	gal.	.21	- —
tanks, works	gal.	.14	- —
Snakeroot, Canada, cns	lb.	10.00	-11.00
Soybean, dom., crude, dms.	lb.	.0810	- .0850
tanks	lb.	.0750	- —
refd., dms	lb.	.0910	- .0950
tanks	lb.	.0850	- —
Spearmint, USP, cns	lb.	1.80	- 1.85
Sperm, bleach, 38°, dms	lb.	.1000	- .1020
45°, dms	lb.	.0930	- .0950
natural, dms	lb.	.0880	- .0900
Spruce, cans	lb.	1.05	- 1.10
Sweet birch, North, cns	lb.	3.25	- 3.50
South, cns	lb.	1.65	- 2.00
Tallow, acidless, bbls	lb.	.10¾	- —
tanks	lb.	.10¼	- —
Tansy, cns	lb.	3.75	- 4.00
Tar, com'l, dms., c.l., dlvd., E. cities.	gal.	.26	- —
E. ports	gal.	.25	- —
l.c.l.	gal.	.26	- —
tanks, dlvd. E. cities	gal.	.20	- —
rectfd., USP, bbls., dlvd. E. ports.	gal.	.50	- —
Oil, tar acid (see T).			
Teaseed, crude, dms	lb.	.09¼	- .09¾
Thyme, NF, red, dms	lb.	.69	- 1.50
white, dms	lb.	.78	- 1.70
Tung (see Oil, chinawood).			
Turkey red (see Oil, castor, sulphonated).			
Turpentine (see T).			
Turtle, cns	gal.	4.25	- 5.00
Valerian, bots	lb.	12.00	-14.00
Vetiver, bots	lb.	6.00	-16.50
Walnut, crude, dms	lb.	.13	- —
refd., dms	lb.	.14¼	- —
Whale, refd., natural, dms	lb.	.0940	- .0990
winter, bleach, dms	lb.	.0980	- .1000
Wheat germ, cns., dms	gal.	27.50	-30.00
White mineral, dom., tech., 50-60 vis., dms	gal.	.42	- .44
65-75 vis., dms	gal.	.44	- .46
80-90 vis., dms	gal.	.45	- .47
USP, 80-90 vis., dms.	gal.	.54	- .56
95-105 vis., dms	gal.	.63	- .65
125-135 vis., dms	gal.	.75½	- .77½
140-150 vis., dms	gal.	.76½	- .78½
175-185 vis., dms	gal.	.78½	- .80½
200-210 vis., dms	gal.	.80	- .82
320-330 vis., dms	gal.	.85½	- .87½
335-345 vis., dms	gal.	.87	- .89
Russian, 80-90 vis., dms.,	gal.	.54	- —
145-155 vis., dms	gal.	.74½	- —
175-185 vis., dms	gal.	.76½	- —
335-345 vis., dms	gal.	.85	- —
Wintergreen, natural, North. cns.	lb.	4.00	- 8.00
South, cns	lb.	3.35	- 3.75
synth. (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns	lb.	2.70	- 2.75
Wormwood, cns	lb.	2.65	- 2.75
Ylang-ylang, Bourb., bots., cns.,	lb.	3.50	- 6.00
Manila, bots	lb.	18.00	-24.00
Opium, USP, cns	lb.	11.50	-12.50
gran., cns	lb.	12.50	-13.50
powd., cns	lb.	12.50	-13.50
Orange, Lake, Persian, bbls.	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark. Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.11¾	- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.12¼	- —
Colo., Mont., N.M., Wyo.	lb.	.12	- —
Other points	lb.	.11½	- —
smaller lots, dlvd. Ala., etc.	lb.	.12¼	- —
Ariz., etc	lb.	.12¾	- —
Colo., Mont., N. M., Wyo.	lb.	.12½	- —
Other points	lb.	.12	- —
French, Tours, csks., ex dock,	lb.	.17	- —
kgs., ex dock	lb.	.18¼	- —
Molybdate, bbls	lb.	.31	- —
Toner, bbls	lb.	.80	- —
Orangeflower petals, cs	lb.	.35	- .40
Orange peel, bitter, bls	lb.	.08	- .09
Sweet, bls	lb.	.10	- .11
Orris root, Florentine, bgs	lb.	.09	- .09½
fingers, cs	lb.	.90	- .95
powd., bbls., bxs	lb.	.13	- .13½
Verona, bls	lb.	.08½	- .09
powd., bxs., cs	lb.	.12	- .13
Orthoanisidin, bbls	lb.	.70	- .74
Orthochloroanilin, dms	lb.	.60	- .75
Orthochlorophenol, dms	lb.	.35	- .75
Orthocresol, dms., c.l., works.	lb.	.13½	- —
l.c.l., same basis	lb.	.14¼	- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06	- —
l.c.l., dms., same basis	lb.	.07	- —
100-lb. tins, same basis.	lb.	.08	- —
50-lb. tins, same basis.	lb.	.09	- —
tanks, same basis	lb.	.05½	- —

Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.

Orthonitroanilin, dms	lb.	.55	- —
Orthonitrochlorobenzene, kgs.	lb.	.28	- .29
Orthonitroparachlorophenol, cns.	lb.	.70	- .75
Orthonitrotoluene, dms	lb.	.07	- —
Orthotoluene sulphonate, kgs.	lb.	2.00	- 2.05
Orthotoluidin, dms	lb.	.14	- —

Osage Orange—Putty

Osage orange extract, cryst., bbls., lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.60 - 1.65
Paprika, Hungarian, extra fancy, bgs..lb. .21 - .21½
medium, bgs.....lb. .20½- .21
Spanish, extra fancy, cs....lb. .26 - .26½
fair, bgs.....lb. .22½- .23
fancy, bgs.....lb. .25½- .26
medium, bgs.....lb. .24 - .24½
Para-aminoacetanilide, kgs....lb. .85 Nom.
Para-amylphenol, tertiary, dms., c.l., works..lb. .26 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobensene, dms.....lb. .16 - .20
kgs.....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .03 - —
bbls., c.l., N. Y....lb. .0295- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .03½- —
bbls., c.l., N. Y.....lb. .0295- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02⅝ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l...lb. .0445- —
export, f.a.s., N. Y..lb. .0465- —
126-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04⅝- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s., N. Y..lb. .05 - —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0515- —
133-135 A.m.p., bgs., c.l..lb. .0555- —
export, f.a.s., N. Y..lb. .05⅝- —
135-137 A.m.p., bgs., c.l..lb. .0580- —
export, f.a.s., N. Y..lb. .06 - —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03¼- —
semirfd., solid, 122-124 A.m.p., bgs..lb. .03¼ Nom.

Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lb. shipments, same basis..lb. .35 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroaniline, kgs., c.l., works, lb. .45 - —
l.c.l., works.....lb. .47 - —
Paranitrochlorobensene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluensulphonamide, bbls.lb. .70 - .75
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .16
Paris green, dealer, dms., kgs., c.l., f.o.b. N. Y., frt. all'd E. of Cleve..lb. .22 - .24
less car lot, same basis.lb. .23 - .25
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .14 - .15
Pellitory root, bls.....lb. .18 - .20
Pennyroyal, bls.....lb. .14 - .15
Pentane, norm., 28-38°, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .16 - —
l.c.l., G.3.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .09½- .09¾
Lampong, bgs.....lb. .06⅞- .06¾
Tellicherry, bgs.....lb. .10 - .10½
Red, birdseye, bgs.....lb. .15 Nom.
Japanese 1, bgs.....lb. .13¾- .14
Mombasa, bgs.....lb. .18 - .18¼
White, Java, Muntok, bgs...lb. .09⅞- .10
Singapore, Muntok, bgs....lb. .09¼- .09½
Peppermint leaves, dom., bls..lb. .32 - .33
import, bls.....lb. .40 - .42
Peru balsam, dms.....lb. 1.00 - 1.05
Petrolatum, amber, bbls., c.l., lb. .02¾- .03
l.c.l.....lb. .04 - .04½
extra, bbls.....lb. .03½- .03¾
l.c.l.....lb. .04¼- .04½
cream (see white, cream)
green (see red)
red, veterinary, bbls., c.l....lb. .02⅝- .02⅞
l.c.l.....lb. .03⅜- —
white, cream, bbls., c.l.....lb. .05 - .05¼
l.c.l.....lb. .06⅜- —
lily, bbls., c.l.....lb. .06 - .06¼
l.c.l.....lb. .07⅜- —
snow, bbls., c.l.....lb. .07 - .07¼
l.c.l.....lb. .08⅜- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens.....bbl. .84 - 1.66
Belridge.....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Coalinga.....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.52
Dominguez.....bbl. .79 - 1.00
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
Huntington Beach.....bbl. .78 - 1.22
Inglewood.....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbl. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview.....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.32
McKittrick.....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello.....bbl. .77 - 1.43
Mt Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall.....bbl. .70 - —
Olinda Brea.....bbl. .76 - 1.27
Orcutt.....bbl. .70 - .96
Playa del Rey, f.o.b. pipe-line.....bbl. .80 - 1.16
Richfield.....bbl. .76 - 1.09
Rosecrans.....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence.....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .83
Whittier.....bbl. .76 - .96
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia.....bbl. 2.10 - —
Co... West
Illinois.....bbl. 1.35 - —
Lima.....bbl. 1.25 - —
Midland (Mich.).....bbl 1.42 - —
Princeton.....bbl. 1.35 - —
East Texas.....bbl. 1.35 - —

Petroleum, crude, bulk, at wells, Gulf Coast:—
Barber's Hill.....bbl. .95 - 1.41
Batson.....bbl. .95 - 1.41
Dayton.....bbl. .95 - 1.41
Esperson.....bbl. .95 - 1.41
Goose Creek.....bbl. .95 - 1.41
Hull.....bbl. .95 - 1.41
Humble.....bbl. .90 - 1.41
Liberty.....bbl. .90 - 1.41
Markham.....bbl. .90 - 1.20
Orange.....bbl. .95 - 1.41
Pettus.....bbl. 1.37 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. 1.01 - 1.17
Saratoga.....bbl. .95 - 1.41
Sour Lake.....bbl. .90 - 1.41
Spindle Top.....bbl. .95 - 1.41
Sugarland.....bbl. .95 - 1.41
West Columbia.....bbl. .95 - 1.41
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.42 - —
Kentucky river.....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.40 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .90 - 1.22
Caddo.....bbl. .90 - 1.22
Cameron Meadows....bbl. .90 - 1.30
Choctaw.....bbl. .90 - 1.30
Cotton Valley.....bbl. .90 - 1.22
Darrow.....bbl. .90 - 1.30
De Soto.....bbl. .90 - 1.22
El Dorado.....bbl. .90 - 1.22
Haynesville.....bbl. .90 - 1.22
Homer.....bbl. .90 - 1.22
Iowa.....bbl. .90 - 1.30
Lockport.....bbl. .90 - 1.30
Miller County.....bbl. .90 - 1.22
Pine Island.....bbls. .90 - 1.22
Rainbow.....bbl. .90 - 1.22
Rodessa.....bbl. .90 - 1.22
Smackover.....bbl. .90 - —
Tepetate.....bbl. 1.24 - —
Urania.....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco.....bbl. 1.05 - —
Tax, 16.048c. per bbl.
Tuxpan.....bbl. No Prices.
Tax, 26.047c. per bbl.
Midcontinent:—
North Texas.....bbl. .96 - 1.20
Oklahoma-Kansas....bbl. .98 - 1.20
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany....bbl. 2.60 - —
Corning.....bbl. 1.27 - —
Pennsylvania grade, in Buckeye lines..bbl. 2.10 - —
Eureka lines.....bbl. 2.25 - —
N. Y. Transit lines.bbl. 2.60 - —
S.W. Penn. lines....bbl. 2.30 - —
lower district in National Transit lines.bbl. 2.55 - 2.60
Rocky Mountain:—
Big Muddy.....bbl. 1.18 - 1.33
Cannon City-Florence.bbl. 1.10 - —
Cat Creek.....bbl. 1.40 - —
Dutton Creek.....bbl. 1.06 - 1.30
Elk Basin.....bbl. 1.30 - —
Fort Collins-Wellington...bbl. 1.01 - 1.28
Frannie, light.....bbl. .82 - —
Grass Creek.....bbl. 1.30 - —
Greybull.....bbl. 1.30 - —
Iles.....bbl. 1.12 - 1.18
Lance Creek.....bbl. .97 - —
Midway.....bbl. 1.06 - 1.30
Rock Creek.....bbl. 1.20½- —
Salt Creek.....bbl. 1.06 - 1.30
Sunburst.....bbl. 1.20 - —
Torchlight.....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County.....bbl. .98 - 1.25
Cleveland-Liberty....bbl. 1.27 -
Conroe.....bbl. 1.20 - 1.44
Darst Creek.....bbl. 1.09 - —
Hardin-Liberty.....bbl. 1.15 - —
Luling.....bbl. 1.00 - —
Lytton Springs.....bbl. 1.12 - —
Mirando (incl. Duval)....bbl. .96 - 1.36
Panola County.....bbl. .93 - 1.25
Salt Flat.....bbl. 1.09 - —
Tomball.....bbl. 1.20 - 1.44
Van.....bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .91 - 1.03
Gray County.....bbl. .96 - 1.08
West Texas:—
Artesia, N. M.....bbl. .90 - —
Crane.....bbl. .78 - 1.08
Crockett.....bbl. .78 - 1.08
Ector.....bbl. .78 - 1.08
Glasscock.....bbl. .78 - 1.08
Hogback.....bbl. 1.33 - —
Howard.....bbl. .78 - 1.08
Jackson, N. M.....bbl. .90 - —
Lea, N. M.....bbl. .78 - 1.08
Maljamar, N. M.....bbl. .90 - —
Mitchell.....bbl. .78 - 1.08
Pecos.....bbl. .91 - —
Upton.....bbl. .78 - 1.08
Winkler.....bbl. .78 - 1.08

Ether, 30-60°, dms., c.l., G. 3. gal. .14 - —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .13 - —
55-60°, dms., l.c.l., G.3....gal. .35 - —
40-75° dms., c.l., G.3.....gal. .14 - —
l.c.l., G.3.....gal. .16 - —
tanks, G3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .16 - —
c.l., G.3.....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —

Lacquer, diluent, at refinery:—
California 60, 169 i.b.p., 263 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond..gal. .11½- —
Willbridge, Ore.; Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .12 - .12½
Group 3, tanks.....gal. .08⅝- .08⅞

Naphtha, cleaners, at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .07⅝- .07⅞
tankwagon, Boston, ex-tax, gal. .13 - —
Bridgeport.....gal. .13½- —
Chicago, inc. 4c. tax..gal. .171 - —
Decatur, inc. 4c. tax..gal. .19 - —
Des Moines, inc. 4c. tax.gal. .188 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .203 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .204 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax..gal. .157 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans.....gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .18 - —
2, over 90% arom., same basis..gal. .21 - —

Petroleum, naphtha, high-solvency, aromatic, 3, tanks, f.o.b. Bayway..gal. .16 - —
8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J..gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt...gal. .16¾- —
30, same basis.....gal. .18½- .19
40, same basis.....gal. .14½- .15½
V. m. & p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond.....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .11 - —
Group 3, tanks.....gal. .07⅝- .07⅞
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .161 - —
Decatur, inc. 4c. tax..gal. .19 - —
Des Moines, inc. 4c. tax.gal. .188 - —
Evansville, Ind.,ex tax.gal. .147 - .157
Milwaukee, inc. 5c.tax.gal. .203 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .204 - —
Newark, ex tax.....gal. .13½- —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .157 - —
solvent, rubber, at refinery, East Coast, tanks..gal. .10 - —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .07⅝- .07⅞
standard, 180 i.b.p., 288 e.p., tanks, gal. .07⅝- .07⅞
Stoddard (CS 3-28), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅞- .07⅛
tankwagon, Boston, ex tax, gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .155 - —
Decatur, inc. 4c. tax..gal. .18 - —
Des Moines, inc. 4c.tax.gal. .178 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax, gal. .193 - —
Minneapolis - St. Paul, inc. 5c. tax..gal. .18 - —
Newark, ex tax.....gal. .11½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .11½- —
Omaha.....gal. .131 - .141
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c .tax.gal. .146 - —
Tulsa, ex tax.....gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond.....gal. .13½- —
Seattle, Wash...gal. .15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond.....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond.....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks..gal. .09½- .10
47-49, tanks.....gal. .09½- .10
Group 3, tanks.....gal. .06⅜- .06⅝
tankwagon, tax included:—
Albany.....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .15½
Boston.....gal. .12½- .13½
Bound Brook, North Amboy, N. J.....gal. .11½- .13½
Bridgeport, Conn. ....gal. .13 - —
Buffalo.....gal. .12½- —
Camden, N. J.....gal. .115 - .135
Chicago.....gal. .158 - —
Decatur, Ill.....gal. .18 - —
Des Moines.....gal. .178 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee.....gal. .193 - —
Minneapolis-St. Paul..gal. .194 - —
Newark.....gal. .10½- .11
New York (200 gals.).gal. .11 - —
smaller lots.....gal. .11½- .12
Omaha.....gal. .131 - .141
Philadelphia.....gal. .115 - .135
Pittsburgh.....gal. .12 - .14
Providence.....gal. .12½- .13½
Rochester.....gal. .12 - .16
St. Louis.....gal. .147 - —
Syracuse.....gal. .14 - —
Trenton.....gal. .11½- .14
Wilmington, Del.....gal. .11½- .13½

Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15¼- .16¼
under 1,000 lbs.....lb. .16¼- .17¼
tanks, works.....lb. .13½- —
Phenolphthalein, USP, bbls.,dms. 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetadehyde, bots.....lb. 2.25 - 2.50
Dimethylacetate, cns.....lb.14.50 -15.00
Phenylethylphenyl acetate, bots., lb.15.50 -16.00
Phenylhydrazine base, CP, bots. lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works....lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines, long ton. 4.35 - —
land pebble, 68% min. bulk, mines long ton. 1.85 - —
70% min., bulk mines... long ton. 2.35 - —
72% min., bulk mines... long ton. 2.85 - —
75% basis, 74% min. bulk, mines long ton 3.85 - —
Tenn., 72%, bulk, mines.. long ton. 4.50 - —
75%, bulk, mines long ton 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .24 - .30
Oxychloride, cyls.....lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalic anhydride, dms., c.l., works, frt alld E. of Miss. R..lb. .14¼- —
l.c.l. same basis.....lb. .15¼- —
Pichi leaves, bgs.....lb. .08 - .10

Pilocarpine hydrochloride, bots., vls..oz. 2.50 - 2.75
Nitrate, bots., vls.....oz. 2.40 - 2.60
Pimento, bgs.....lb. .14¾- .15
Pinkroot, bls.....lb. .45 - .46
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l.....ton.22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton.23.75 -24.00
Linseed, dms.....lb. .04¾- .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .13
Podophyllin, dms.....lb. 4.30 - 4.35
Poke root, bls.....lb. .07½- .08
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .50 - .55
Seed, Dutch, bgs.....lb. .09½- .09¾
Polish, bgs.....lb. .07⅜ Nom.
Potash acetate, USP, bbls., 250 lbs..lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
gran., bbls., 250 lbs.....lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
Bichromate spot, c.l., works, lb. .08⅝- —
6 casks or 10 bbls., or over, works..lb. .08¾- —
5 casks or 9 bbls., or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Bromide, USP., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd....lb. .02⅞- —
l.c.l., 10 dms. or over..lb. .03⅛- —
less than 10 dms....lb. .03½- —
tanks, dlvd.....lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l.....lb. .07¼- .07½
import, dms.....lb. .07 - .07½
liquid, 45% basis, dms....lb. .03½- .03⅝
tanks.....lb. .02⅝- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l.....lb. .06½- .06¾
import, csks.....lb. .06½- .06⅝
Chlorate, cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08¼- .08¾
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .19 - .28
Citrate, USP, gran., bbls., 250 lbs..lb. .84 - —
kgs, 100 lbs.....lb. .35 - —
cns., 50 lbs.....lb. .36 - —
cns., 25 lbs.....lb. .38 - .39
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs..lb. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs..lb. .30 - —
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bbls., bots., 5 lbs....lb. 3.17 - —
cns., 25 lbs.....lb. 3.05 - —
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms.....lb. .95 - .96
Kainit, 20% K_2O, bulk, c.i.f., ports..ton.12.75 - —
Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.i.f. ports, unit-ton. .58½- —
import, 30%, K_2O,bulk,shipt. unit-ton. .58½- —
Metabisulphite, kgs.....lb. .13 - .15
Muriate, dom., all strengths, min. 50% K_2O, bulk... unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports..unit-ton. .53¼- —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works....lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Rhodanate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bxs.lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.38.00 - —
Xanthate, dms., c.l.....lb. .13 - —
l.c.l.....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.25.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .12 - .13
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .22 - .28
Propane, tanks, G.3.....gal. .03 - .04¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .19
Pumice stone, Italian,Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works..lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock, N.Y.—ton.32.85 Nom.
l.c.l., 5-29 tons, ex whse. ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs.,ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .11 - .14
Purple lake (see Red).
Putty com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs.....100 lbs. 3.10 - —
100-499 lbs.....100 lbs. 3.25 - —

Putty, linseed oil, raw, dms., 1,000 lbs.	100 lbs.	4.65	—
500-999 lbs.	100 lbs.	4.85	—
100-499 lbs.	100 lbs.	5.00	—
refined dms., 1,000 lbs.	100 lbs.	5.15	—
500-999 lbs.	100 lbs.	5.35	—
100-499 lbs.	100 lbs.	5.50	—
standard, dms., 1,000 lbs., 100 lbs.		3.65	—
500-999 lbs.	100 lbs.	3.85	—
100-499 lbs.	100 lbs.	4.00	—
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand	gal.	5.00	5.25
basis (30 to 1) 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand,	gal.	7.75	7.85
Flowers, coarse, grnd.(g.d.p.), Japan, bgs., frt. alld., 15 tons or over	lb.	.18	—
fine powd. Japan, bbls., ton lots, frt. alld.	lb.	.19	—
Pyridin, denaturing, dms.	gal.	1.55	—
refd., 2° dms.	lb.	.45	—
Pyrites, Spanish, bulk, c.l.f. Atl. ports.	unit-ton.	.12-	.13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins.	lb.	2.15	2.40
resublimed, fib. dms., tins.	lb.	4.60	—
Pyroxylin scrap, amber, cs., works.	lb.	.15	—
black, cs., works	lb.	.10	—
China white, ivory, cs., works.	lb.	.16	—
dense white, cs., works.	lb.	.12	—
gray, cs., works	lb.	.10	—
mixed, mottles, opaque, cs., works.	lb.	.04	—
shell-dem., cs., works.	lb.	.12	—
translucent pastels, cs., works.	lb.	.10	—
transparent, cs., works.	lb.	.20	—
colors, cs., works	lb.	.12	—
shavings, amber, cs., works.	lb.	.16	—
colors, mixed, cs., works.	lb.	.10	—
white, cs., works	lb.	.15	—

Q

Quassia, chips, bls.	lb.	.06	.07
Quebracho extract, liquid, 35% tan., bbls., works.	lb.	.03½-	—
tanks, works	lb.	.03	—
solid, 63%, bgs., c.l., ex dock, plus duty.	lb.	.04	—
clarified, 64%, bgs., c.l., same basis.	lb.	.04¼-	—
Queen of the meadow herb, bgs.	lb.	.10	.12
Root, bgs.	lb.	.09	.10
Quercitron, extract, liquid, 51°, bbls.	lb.	.06	.08
solid, dms.	lb.	.10	.12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y.	flasks	88.00	-89.00
Quince seed, bgs.	lb.	.85	1.50
Quinidine, cryst., small cns.	oz.	.96	—
large, cns.	oz.	.98	—
powd., precip., cans	oz.	.91	—
Sulphate, cns.	oz.	.67	—
Quinine, 100 ozs., cns.	oz.	.74	—
Acetate, cns.	oz.	.98	—
Arsenate, cns.	oz.	.98	—
Arsenite, cns.	oz.	1.00	—
Bisulphate, cns.	oz.	.53	—
Citrate, cns.	oz.	.71	—
Dihydrobromide, bots.	oz.	.74	—
Dihydrochloride, bots.	oz.	.74	—
Ethylcarbonate, cns.	oz.	.74	—
Ferrocyanide, cns.	oz.	1.00	—
Formate, cns.	oz.	.93	—
Glycerophosphate, cns.	oz.	1.13	—
Hydrochloride, cns.	oz.	.66½-	—
Hydrochlorosulphate, cns.	oz.	.74	—
Hydroiodide, cns.	oz.	.98	—
Hypophosphite, cns.	oz.	.98	—
Phosphate, cns.	oz.	.81	—
Salicylate, cns.	oz.	.72	—
Sulphate, U.S.P. X, cns.	oz.	.53	—
U.S.P. XI, cns.	oz.	.59½-	—
Sulphocarbolate, cns.	oz.	.96	—
Tannate, cns.	oz.	.57	—
Tartrate, cns.	oz.	.96	—
Valerate, cns.	oz.	.92	—
Quinine-urea hydrochloride cns.	oz.	.74	—

R

R salt, bbls.	lb.	.52	.55
Rapeseed, Belgian, bgs.	lb.	.06	.06½
Dutch, bgs.	lb.	.06	.06½
Japanese, bgs.	lb.	.06	.06½
Raspberries, dried, bbls.	lb.	.75	.80
Red, alizarin lake bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10	—

Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Amaranth (see Red, maroon, lake)			
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.91	—
smaller lots, same basis,	lb.	.96	—
kgs., ton lots, same basis,	lb.	.96	—
smaller lots, same basis,	lb.	1.01	—
light shade, bbls., ton lots, same basis.	lb.	.76	—
smaller lots, same basis,	lb.	.81	—
kgs., ton lots, same basis,	lb.	.81	—
smaller lots, same basis,	lb.	.86	—
light-medium shade, bbls., ton-lots, same basis.	lb.	.81	—
smaller lots, same basis,	lb.	.86	—
kgs., ton-lots, same basis.	lb.	.86	—
smaller lots, same basis,	lb.	.91	—
maroon shade, bbls., ton lots, same basis.	lb.	1.01	—
smaller lots, same basis,	lb.	1.06	—
kgs., ton lots, same basis,	lb.	1.06	—
smaller lots, same basis,	lb.	1.11	—
medium shade, bbls., ton lots, same basis.	lb.	.86	—
smaller lots, same basis,	lb.	.91	—
medium shade, kgs., ton lots., same basis.	lb.	.85	—
smaller lots, same basis,	lb.	.96	—
Red, cadmium, selenide, bbls., dark works.	lb.	2.75	—
light, works	lb.	2.25	—
Orange, bbls., 100-lb. lots, works.	lb.	1.60	—
Carmine, 40, cns., 500 lbs.	lb.	4.00	—
100 lbs.	lb.	4.15	—
11 lbs.	lb.	4.40	4.50
Crocus martis (see Red, purple oxide).			
Eosin toner, blue shade, bbls.	lb.	1.55	—
yellow shade, bbls.	lb.	1.40	—
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y.	lb.	.08¾-	—
80%-85%, bbls., same basis.	lb.	.07¾-	—
Iron oxide (see Red, oxide).			
Lake C toner, bbls., same basis alizarin lake, contracts.	lb.	1.25	—
open order	lb.	1.30	—
Lithol toner, bbls., same basis alizarin lake contracts.	lb.	.75	—
open order	lb.	.80	—
Lithol-rubin toner, bbls., same basis alizarin lake.	lb.	1.50	—
Maroon lake, 25%, kgs., same basis alizarin lake, contracts,	lb.	.40	—
Oxide (see Red, purple oxide).			
Mercury oxide, tech., dom.	bbls.	1.59	1.60
Metallic, bbls., Pa., works.	lb.	.02	—
Orange, Persian (see O).			
Oxide, pure, bbls., c.l., works	lb.	.08½-	—
l.c.l., works	lb.	.09¼-	—
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y.	lb.	.08¼-	—
80% copperas oxide, bbls., same basis.	lb.	.07¾-	—
Para toner, concent., kegs, same basis alizarin lake, contracts.	lb.	.75	—
open order.	lb.	.80	—
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y.	lb.	.04½-	—
ex whse., Chicago, St. Louis.	lb.	.05¾-	—
San Fran., Los Ang., Portland, Seattle.	lb.	.05	—
Phosphotungstic rhodamine Y, kgs.	lb.	4.15	—
Purple lake, kgs.	lb.	.60	1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis.	lb.	.03	—
Toner, kgs.	lb.	1.50	2.00
Rose lake, bbls.	lb.	.20	.30
Pink, bbls.	lb.	.15	.20
Scarlet ink toner, kgs., same basis alizarin lake.	lb.	.45	—
Lake, kgs., same basis alizarin lake.	lb.	.25	.30
Spanish oxide, bbls., dlvd.	lb.	.03¾	Nom.
Toluidin toner, kgs., same basis alizarin lakes.	lb.	1.35	—
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis.	lb.	.25½-	—
2, bbls., same basis	lb.	.30½-	—
3, bbls., same basis	lb.	.23½-	—
4, bbls., same basis	lb.	.33½-	—
5, bbls., same basis	lb.	.24	—
6, bbls., same basis	lb.	.24	—
7, bbls., same basis	lb.	.24	—
8, bbls., same basis	lb.	.23	—
9, bbls., same basis	lb.	.31½-	—
10, bbls., same basis	lb.	.18¾-	—
Venetian, bbls., works	lb.	.0220-	—
10%, bbls., works	lb.	.0245-	—
15%, bbls., works	lb.	.0255-	—
20%, bbls., works	lb.	.02¾-	—
25%, bbls., works	lb.	.03	—
30%, bbls., works	lb.	.03½-	—
35%, bbls., works	lb.	.0360-	—
40%, bbls., works	lb.	.04	—
Vermilion, Amer., bbls., same basis alizarin lake.	lb.	.15	—
English quicksilver, bbls., 500 lbs.	lb.	1.70	1.75
smaller lots.	lb.	1.71	1.84
Red dyes are listed under Dyes.			
Red precipitate, N. F., powd., fib. dms.	lb.	1.84	1.86
Red saunders wood, ground, bbls.	lb.	.12	.17
Resorcinol, tech., dms., works.	lb.	.75	.80
USP, cryst., bbls., works.	lb.	1.50	1.55
Rhatany root, bgs.	lb.	.09	.10
Rhodinol, bots.	lb.	5.75	-15.00
Rhubarb root, cs.	lb.	1.20	Nom.
powd., bbls., kgs.	lb.	1.30	Nom.
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't.	lb.	.15	—
smaller lots.	lb.	.15½-	—
powd., bbls., 5,000 lbs., 1 shipm't.	lb.	.16	—
smaller lots.	lb.	.16½-	—
Rose flowers, pale, bls.	lb.	.34	.35
Red, bls.	lb.	2.50	2.60
Water, triple	djn.	4.75	5.00
Rosemary flowers, bls.	lb.	.35	.40
Leaves, bls.	lb.	.05½-	.06
Rosin, gum, B, bbls., ex dock.	280 lbs.	8.65	—
D, bbls.	280 lbs.	8.65	—
E, bbls.	280 lbs.	8.65	—
F, bbls.	280 lbs.	8.82½-	—
G, bbls.	280 lbs.	8.82½-	—
H, bbls.	280 lbs.	8.82½-	—
I, bbls.	280 lbs.	8.82½-	—
K, bbls.	280 lbs.	8.82½-	—
M, bbls.	280 lbs.	8.85	—
N, bbls.	280 lbs.	8.87½-	—
W. G., bbls.	280 lbs.	9.10	—
W. W., bbls.	280 lbs.	9.05	—
X, bbls.	280 lbs.	9.05	—
Wood, New York, F. F., bbls.	280 lbs.	8.40	9.35
K, bbls.	280 lbs.	8.75	9.70
M, bbls.	280 lbs.	8.85	9.80
N, bbls.	280 lbs.	9.50	-10.45
Rottenstone, dom., bgs., c.l., f.o.b. mines.	ton.	35.00	—
l.c.l., ex whse.	ton.	50.00	—
import., lump, bbls.	lb.	.12	—
powd., bbls.	lb.	.08½-	.10
Rue, bls.	lb.	.21	.23

S

Sabadilla seed, powd., bbls.	lb.	.22	.23
Saccharin, dms., 100 lbs.	lb.	1.70	—
cns., 25 lbs.	lb.	1.78	2.05
Safflower, bls.	lb.	.25	.26
Saffron, Mexican, bls.	lb.	.35	.40
Spanish, tins	lb.	19.00	-20.00
Safrol, cns.	lb.	.50	.58
dms.	lb.	.47	.55
Sage, Dalmatian, stemless.	lb.	.05¾-	.06¼
garden, bls.	lb.	.06¼-	.06¾
Sago flour, bgs.	lb.	.03¼-	.04¼
Salicin, bots., 5 lbs.	lb.	5.00	—
cns., 25 lbs.	lb.	4.75	—
Salol, gran., bbls., 200 lbs.	lb.	.80	—
bxs., 25 lbs.	lb.	.83	—
kgs., 100 lbs.	lb.	.90	—
powd., fib. dms., 25 lbs.	lb.	1.03	—
kgs., 100 lbs.	lb.	1.00	—
Salt, rock, bgs., dlvd., N. Y.	ton.	11.80	-12.80
l.c.l., bgs., dlvd., N. Y.	ton.	14.00	-14.50
vacuum, common, fine, bgs., c.l., dlvd., N. Y.	ton	14.00	—
l.c.l., dlvd. N. Y.	ton.	15.50	—
Saltcake, grd., dom., bbls., works.	ton.	19.00	-25.00
bulk, works	ton.	13.50	—
import, bulk, c.i.f.	ton.	15.00	-16.00
Chrome (see Chrome cake).			
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls.	100 lbs.	7.00	- 7.75
1-9 tons.	100 lbs.	7.40	- 7.90
less than ton lots.	100 lbs.	7.40	- 8.15
gran., bbls., 10-20 tons.	100 lbs.	6.90	—
1-9 tons.	100 lbs.	6.15	—
less than ton lots.	100 lbs.	6.40	—
powd., bbls., 10-20 tons.	100 lbs.	7.00	—
1-9 tons.	100 lbs.	7.15	—
less than ton lots.	100 lbs.	7.40	—
Santonin, cryst., cns.	lb.	25.00	-26.00
Saponin, crude, cns.	lb.	1.45	—
purified, bots., 5 lbs.	lb.	1.65	—
cns., 25 lbs.	lb.	1.50	—
Sarsaparilla root, Honduras, bls.	lb.	.45	.50
Mexican, bls.	lb.	.19	.20
Sassafras bark, ord., bls.	lb.	.12	.13
select, bls.	lb.	.22	.23
Savory, bbls.	lb.	.07½-	.08
Saw palmetto berries, bgs.	lb.	.20	.21
Scammony root, bgs.	lb.	.06	.07
Schaeffer's salt, bgs.	lb.	.46	—
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't.	lb.	.12¾-	—
smaller lots	lb.	.13½-	—
kegs, 5,000 lbs., 1 shipm't.	lb.	.13½-	—
smaller lots	lb.	.13¾-	—
Senega root, bls.	lb.	.60	.62
Senna leaves, Alexandria, bls.	lb.	.10	.11
Tinnevelly, No. 1, bls.	lb.	.10	.11
2, bls.	lb.	.07	.08
3, bls.	lb.	.05	.06
powd., bbls., bxs.	lb.	.09	.10
siftings, bls.	lb.	.10	.11
Pods, bls.	lb.	.06	.07
Serpentaria root, bls.	lb.	.90	.95
Shellac, bleached, bonedry, bbls., f.o.b., N.Y.	lb.	.17½-	.18
dlvd. Boston	lb	.18	.18½
Chicago	lb.	.18½-	.19
Pacific Coast	lb.	.19½-	.20
refd., bbls., f.o.b. N. Y.	lb.	.23	.24
dlvd. Boston	lb.	.23½-	.24½
Chicago	lb.	.24	.25
Pacific Coast	lb.	.26	.27
Garnet, bgs.	lb.	.14	.15
Orange, D.C., VSO., Diamond, cases.	lb.	.22	.23
superfine, bgs., f.o.b. Bost., N. Y.	lb.	.13	.13½
dlvd. Chicago	lb.	.13½-	.14
Pacific Coast	lb.	.16	.16½
T N., bgs., f.o.b. Bost., N.Y.	lb.	.12	.12½
dlvd., Chicago	lb.	.12½-	.13
Pacific Coast	lb.	.15	.15½
Shellac varnish, orange, 5-lb. cut, bbls.	lb.	.90	1.06
4½-lb. cut, bbls.	gal.	.85	.95
4-lb. cut, bbls.	gal.	.80	.90
white, 5-lb. cut, bbls.	gal.	1.05	1.15
4½-lb. cut, bbls.	gal.	1.00	1.10
4-lb. cut, bbls.	gal.	.95	1.05
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.	ton.	17.00	—
l.c.l., 2½ tons, works.	ton.	19.00	—
smaller lots, works.	ton.	20.00	—
wet-grd., 95-97%, 325 mesh, bgs., c.l., works.	ton.	18.00	—
l.c.l., 2½ tons, works.	ton.	19.50	—
smaller lots, works.	ton.	21.00	—
400 mesh, bgs., c.l., works,	ton.	35.00	—
l.c.l., 2½ tons, works.	ton.	36.50	—
smaller lots, works.	ton.	38.00	—
96-98%, 3.25 mesh., bgs., c.l., works.	ton.	20.00	—
l.c.l., 2½ tons, works.	ton.	21.50	—
smaller lots, works.	ton.	23.00	—
99%, 325 mesh, bgs., c.l., works.	ton.	22.00	—
l.c.l., 2½ tons, works.	ton.	25.50	—
smaller lots.	ton.	27.00	—
hard-quartz, 140 mesh, bgs., c.l., works.	ton.	11.00	—
l.c.l., works.	ton.	16.00	—
Silver, bullion.	oz.	.44¾-	—
Govt. purchase	oz.	.7757-	—
Nitrate, vis.	oz.	.32¾-	.34⅞
Nucleinate, bots., cns., 480 ozs.,	oz.	.30	.31
Proteinate, bots., cns., 480 ozs.,	oz.	.29	.30
Simarubra bark, bls.	lb.	.28	.30
Skatol, bots.	lb.	76.00	-80.00
Skullcap, Eastern, bls.	lb.	.25	.26
Western, bls.	lb.	.17	.18
Skunk cabbage root, bls.	lb.	.15	.16
Slate flour, bgs., c.l., works.	ton.	9.00	—
l.c.l., works.	ton.	10.00	-15.00
Sloe berries, bgs.	lb.	.09	.10
Smalt, black, extra velvet, ctns.	lb.	.05	.08
Blue, cts.	lb.	.07	.08½
Snakeroot, Canad., bls.	lb.	.24	.26
Soapbark, bls.	lb.	.07	.08
crushed, bls., bbls.	lb.	11	.12
cut, bls., bbls.	lb.	.10	.11
powd., bbls.	lb.	.14	.15
Soda, abietate, dms.	lb.	.13	—
Acetate, anhyd., dms.	lb.	.08¼-	—
flake, gran., powd., 60%, dms.	lb.	.04¼-	.05
Alginate, dms.	lb.	.69	—
Antimoniate, bbls.	lb.	.14¾-	.15¼
Arsenate, dms., dealers, c.l., works.	lb.	.08	—
l.c.l., dms., works.	lb.	.08½-	—
Arsenite, dry, gray, dms., c.l., dealers' works.	lb.	.07½-	.09½
l.c.l., dms., works.	lb.	.08	.10
white, dms., c.l., dealers' works.	lb.	.09	.13
l.c.l., dms., works.	lb.	.09½-	.13½
liquid, dms., works.	gal.	.30	.33
Arsenite, powd., bbls.	lb.	.13	.14

Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works.	100 lbs.	1.10	—
l.c.l., Zone 1.	100 lbs.	2.03	—
2	100 lbs.	2.18	—
3	100 lbs.	2.43	—
4	100 lbs.	2.83	—
bbls., c.l., works.	100 lbs.	1.35	—
l.c.l., Zone 1.	100 lbs.	2.25	—
2	100 lbs.	2.40	—
3	100 lbs.	2.65	—
4	10 lbs.	3.05	—
bulk, c.l., works.	100 lbs.	95	—
extra light, 58%, bgs., c.l	100 lbs.	1.08	—
l.c.l., Zone 1.	100 lbs.	1.98	—
2	100 lbs.	2.13	—
3	100 lbs.	2.38	—
4	100 lbs.	2.78	—
bbls., c.l.	100 lbs.	1.45	—
bbls., l.c.l., Zone 1.	100 lbs.	2.35	—
2	100 lbs.	2.50	—
3	100 lbs.	2.75	—
4	100 lbs.	3.15	—
bulk, c.l.	100 lbs.	.90	—
light, 58%, bgs., c.l., works.	100 lbs.	1.05	1.08
l.c.l., Zone 1.	100 lbs.	1.98	—
2	100 lbs.	2.13	—
3	100 lbs.	2.38	—
4	100 lbs.	2.78	—
bbls., c.l., works.	100 lbs.	1.35	—
l.c.l., Zone 1.	100 lbs.	2.25	—
2	100 lbs.	2.40	—
3	100 lbs.	2.65	—
4	100 lbs.	3.05	—
bulk, c.l.	100 lbs.	.90	—

Putty—Soda Naphthionate

Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Soda, benzoate, tech., bbls., 4,000 lbs. or more.	lb.	.39	—
1,000 to 3,900 lbs.	lb.	.40	—
900 lbs. or less.	lb.	.43	—
USP, bbls., 4,000 lbs., or more.	lb.	.46	—
1,000 to 3,900 lbs.	lb.	.47	—
900 lbs. or less.	lb.	.50	—
dms., 4,000 lbs. or more.	lb.	.47	.48
1,000 to 3,900 lbs.	lb.	.48	.49
900 lbs. or less.	lb.	51	.52
Bicarbonate, gran., bbls., c.l., works.	100 lbs.	2.15	—
powd., bbls., c.l., works.	100 lbs.	1.75	—
l.c.l., dlvd. N. Y.	100 lbs.	2.39	—
kgs., c.l.	100 lbs.	2.00	—
l.c.l., dlvd. N. Y.	100 lbs.	2.64	—
Bichromate, spot, c.l., works	lb.	.06⅝-	—
6 cks. or 10 bbls. or over, works.	lb.	.06¾-	—
5 cks. or 9 bbls. or less, works.	lb.	.07	—
Bifluoride, bbls.	lb.	.12	—
Bisulphate (see Niter cake).			
Bisulphite, powd., bbls., c.l., works.	100 lbs.	3.25	3.35
l.c.l., works.	100 lbs.	3.50	3.60
solution, 32 deg., bbls., c.l., works.	100 lbs.	1.30	—
smaller lots.	lb.	1.55	—
l.c.l., bbls., works.	100 lbs.	1.55	—
33 deg., bbls., c.l., works.	100 lbs.	1.35	—
l.c.l., bbls., works.	100 lbs.	1.60	—
35 deg., bbls., c.l., works.	100 lbs.	1.40	—
l.c.l., bbls., works.	100 lbs.	1.65	—
40 deg., bbls., works.	100 lbs.	1.55	—
l.c.l., bbls., works.	100 lbs.	1.80	—
Bromide, U.S.P., gran., bbls., 500 lbs.	lb.	.31	—
fiber dms., 100 lbs.	lb.	.32	—
Cacodylate, bots., 5 lbs.	lb.	6.82	—
jars, 25 lbs.	lb.	6.50	—
Carbonate (see Soda ash, soda monohydrated soda, sal)			
Caustic, flake, 76% l, grd., powd., ammon. process, bbls., c.l., works.	100 lbs.	2.70	—
dms., c.l., works.	100 lbs.	2.70	—
l.c.l., Zone 1.	100 lbs.	3.45	4.80
2	100 lbs.	3.60	4.95
3	100 lbs.	3.85	5.20
4	100 lbs.	4.25	5.00
electro process, dms., c.l., works.	100 lbs.	2.70	—
l.c.l., same zone prices as ammonia process.			
liquid, 47-49% buyer's tanks, tanks, works.	100 lbs.	1.95	—
seller's tanks, works.	100 lbs.	1.97½-	—
50%, buyer's tanks, works,	100 lbs.	1.97½-	—
seller's tanks, works.	100 lbs.	2.00	—
solid, 76%, ammon. process, dms., c.l., works.	100 lbs.	2.80	—
l.c.l., Zone 1.	100 lbs.	3.05	—
2	100 lbs.	3.20	—
3	100 lbs.	3.45	—
electro process, dms., c.l., works.	100 lbs.	2.30	—
l.c.l., same zone prices as ammon. process.			

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works.	lb.	.06¼-	—
l.c.l., works.	lb.	.06½-	.08
powd., bgs., c.l., works.	lb.	.06½-	—
l.c.l., works.	lb.	.07	.08½
Citrate, U.S.P. VIII, gran., bbls.	225 lbs.	.20	—
cns., 50 lbs.	lb.	.22	—
25 lbs.	lb.	.24	.25
kgs., 100 lbs.	lb.	.21	—
USP X, gran., bbls., 250 lbs.	lb.	.26½-	—
cns., 50 lbs.	lb.	.28½-	—
25 lbs.	lb.	.30½-	.31½
kgs., 100 lbs.	lb.	.27	—
powd., bbls., 250 lbs.	lb.	.27	—
cns., 50 lbs.	lb.	.29	—
25 lbs.	lb.	.31	.32
kgs., 100 lbs.	lb.	.28	—
Cyanide, 96-98%, dom., dms.	lb.	.16½-	.17¼
import., cs.	lb.	.16¼-	.17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila.	lb.	.07¼-	—
l.c.l., 10 or over, same basis.	lb.	.07½-	—
5-9, same basis.	lb.	.08	—
1-4, same basis.	lb.	.08¼-	—
95%, bbls., c.l., same basis.	lb.	.07½-	—
l.c.l., 10 or over, same basis.	lb.	.07¾-	—
5-9 same basis.	lb.	.08¼-	—
1-4, same basis.	lb.	.08½-	—

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots.	lb.	1.00	—
smaller lots.	lb.	1.15	—
cns., 25 lbs.	lb.	1.40	—
powd., bbls., 1,000-lb. lots,	lb.	1.05	—
smaller lots	lb.	1.20	—
cns., 25 lbs.	lb.	1.45	—
Hydrosulphite, bbls.	lb.	.16	.17
Hydroxide, USP, sticks, cns., 160 lbs.	lb.	.23	.24
Hypophosphite, N.F., cns., 100 lbs.	lb.	.67	—
Hyposulphite, cryst., large, bbls., 100 lbs.		2.40	2.65
pea, bbls.	100 lbs.	2.50	3.05
gran., bbls.	100 lbs.	2.75	3.30
Iodate, jars	lb.	5.02	5.07
Iodide, jars	lb.	1.90	1.95
Mandelate, bots., 5 lbs.	lb.	3.30	—
jars, 25 lbs.	lb.	3.20	—
Metanilate, kgs	lb.	.41	Nom.
Metasilicate, cryst., bbls., c.l., gran., bbls., c.l., works,	100 lbs.	2.15	—
l.c.l., dlvd.	100 lbs.	2.60	2.80
Molybdate, tech., anhyd., kgs.,	lb.	No prices.	
cryst., kgs.	lb.	No prices.	
Monohydrated, bbls.	100 lbs.	2.00	—
works	100 lbs.	2.30	—
Naphthenate, bbls.	lb.	.19	—
Naphthionate, bbls.	lb.	.52	.54

Soda Nitrate—Tankage

Soda nitrate, crude, c.l., 100-lb. bgs., Oct.-June dlvy, f.o.b. cars producing point or ports, rail or boat shipment	ton.	29.00	—
200-lb. bgs., same basis,	ton.	28.30	—
bulk, same basis	ton.	27.00	—
rfd., gran., bbls., 25..100 lbs.		2.25	—
5-24	100 lbs.	2.40	—
1-4	100 lbs.	2.65	—
powd., bbls., ton lots	lb.	.05⅞-	—
smaller lots	lb	.06¼-	—
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized	lb.	.07	—
c.l., West Coast, f.o.b.			
f.o.b. ports	lb.	.08¼-	—
l.c.l.	lb.	.08¼-	.11¼
Soda nitrite l.c.l. price range represents delivery at various points.			
Oxalate, neut., bbls.	lb.	.09	—
kgs	lb.	.11	—
Perborate, NF, bbls., c.l., works	lb.	.14¾-	—
l.c.l. works	lb.	.15¼-	—
Phosphate, dibasic, tech., bgs., c.l., works	100 lbs.	1.70	—
l.c.l., works	100 lbs.	1.95	—
bbls., c.l., works	100 lbs.	1.90	—
l.c.l., works	100 lbs.	2.10	—
monobasic, anhyd., bbls., c.l.	100 lbs.	7.51	—
l.c.l.	100 lbs.	8.35	—
tribasic, bgs., c.l., works	100 lbs.	1.85	—
l.c.l., works	100 lbs.	2.25	—
bbls., c.l., works	100 lbs.	2.05	—
l.c.l., works	100 lbs.	2.45	—
kgs., c.l., works	100 lbs.	2.55	—
l.c.l., works	100 lbs.	2.95	—
Picramate, kgs	lb.	.65	—
Prussiate, yellow, bbls., works,	lb.	.10	.11¼
Pyrophosphate, anhyd., bbls.	lb.	.10	—
cryst., bbls	lb.	.09½-	—
Soda, ricinoleate, tech., bbls.	lb.	.12	—
sal, bgs., dlvd., N. Y.	100 lbs.	1.20	—
works	100 lbs.	1.00	—
bbls., dlvd. N. Y.	100 lbs.	1.30	—
works	100 lbs.	1.10	—
Salicylate, bxs	lb.	.52	—
Sesquisilicate, dms., c.l., works,	100 lbs.	3.00	—
20 dms. and up, delvd. N. Y. C.	100 lbs.	3.65	—
5-19 dms	100 lbs.	4.10	—
1-4 dms	100 lbs.	4.30	—
Silicate, 40° turbid, dms., c.l., works	100 lbs.	.80	—
l.c.l., 5 or more, works,	100 lbs.	1.05	—
1-4, works	100 lbs.	1.20	—
52° dms., c.l., works	100 lbs.	1.25	—
l.c.l., 5 or more, works,	100 lbs.	1.60	—
1-4, works	100 lbs.	1.75	—
Silicofluoride, dom., bbls.	lb.	.05¾-	.06
import, bbls	lb.	.05¾-	.06
Stannate, dms	lb.	.35½-	.38½
Stearate, lump, powd., bbls., works	lb.	.24	—
Sulphate, anhyd., bgs., bbls., c.l., works	100 lbs.	1.45	- 1.65
5 tons or over, works,	100 lbs.	1.70	- 1.90
less than 5 tons, works,	100 lbs.	1.95	- 2.15
cryst. (see Glauber's salt).			
Sulphite, cryst., bbls., c.l., works	100 lbs.	2.25	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	2.75	—
less than 5 tons, dlvd.	100 lbs.	3.00	—
solid, bbls., c.l., works	100 lbs.	3.00	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	3.50	—
less than 5 tons, dlvd.	100 lbs.	3.75	—
Sulphite, cryst., bgs., works	100 lbs.	2.10	- 2.35
bbls.	100 lbs.	2.30	- 2.55
Soda, sulphite, powd., bbls., c.l.	100 lbs.	5.25	—
l.c.l., 5 or more	100 lbs.	5.50	—
1-4,	100 lbs.	6.00	—
Sulphocarbolate, cs.	lb.	.27	- .28
Sulphocyanide, dms., cns.	lb.	.28	- .47
Sulphoricinoleate, bbls.	lb.	.12	—
Thiosulphate (see hyposulphite)			
Tungstate, CP., kgs.	lb.	No prices	
tech., kgs	lb.	No prices	
Solvent naphtha, high-flash, dms., works, frt. equald.	gal.	.36	—
tanks, same basis	gal.	.31	—
water-white, dms., works	gal.	.35	—
tanks, E. of Omaha, frt. alld.	gal.	.30	—
W. of Omaha, works	gal.	.30	—
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works.	lb.	.25	—
Sparteine sulphate, cns.	oz.	1.10	- 1.15
Spearmint leaves, bls.	lb.	.20	- .22
Spikenard root, bls.	lb.	.14	- .15
Spruce extract, bbls., works	lb.	.01½-	—
tanks, works	lb.	.01	—
powd., bgs.	lb.	.04¼-	—
super, bbls., works	lb.	.01⅞-	—
tanks, works	lb.	.01⅝-	—
Squawvine leaves, bls.	lb.	.19	- .20
Squill, red, bls.	lb.	.14	- .15
White, bls.	lb.	.07	- .08
powd., bbls., bxs	lb.	.12	- .13
St. Ignatius beans, bgs.	lb.	.45	- .50
St. John's bread, bls.	lb.	.08½-	.09
Starch, corn, pearl, bgs.	100 lbs.	3.78	- 3.98
powd., bgs.	lb.	3.88	- 4.08
Iodide, bots.	lb.	1.87	—
Potato, dom., bgs.	lb.	.05½	Nom.
import, bgs.	lb.	.05½	Nom.
Rice, bbls.	lb.	.07¼	Nom.
Wheat, thick boil, bbls.	lb.	.07	Nom.
Stavesacre seed, bgs.	lb.	.25	- .26
Stearin, oleo, bbls.	lb.	.09¼-	.09¾
Stillingia root, bls.	lb.	.09½-	.10
Stoneroot, bls.	lb.	.09	- .09½
Storax, cs.	lb.	.48	- .49
Stramonium leaves, bls.	lb.	.11	- .12
Seed, bgs.	lb.	.09	- .10
Strontium bromide, fib, dms.	lb.	.57	- .58
kgs., 150 lbs.	lb.	.55	—
Carbonate, pure, bbls.	lb.	.30	- .31
Strontium, iodide, jars, 25 lbs.	lb.	2.70	—
bots., 5 lbs.	lb.	2.76	—
Nitrate, dom., bbls., c.l., works	lb.	.07¾-	—
25 bbls. and over	lb.	.08¼-	—
1-4 bbls. and over	lb.	.08¾-	—
import, bbls.	lb.	.08½	.09
Strophanthus seed, Kombe, bgs.	lb.	1.45	- 1.50
Strychnine, cryst., cns.	oz.	.48	- .51
powd., cns.	oz.	.38	- .41
Acetate, cns.	oz.	.64	—
Arsenate, cns.	oz.	.66	—
Strychnine, arsenite, cns.	oz.	.64	—
Glycerophosphate, cns.	oz.	.65	—
Hydrochloride, cns.	oz.	.64	—
Hydrophosphite, cns.	oz.	.75	—
Nitrate, cns.	oz.	.58	—
Phosphate, cryst., cns.	oz.	.65	—
Sulphate, cryst., cns.	oz.	.42	- .45
powd., cns.	oz.	.52	- .55
Styralyl acetate, bots.	lb.	6.75	- 7.00
Sucrose octa - acetate, denat. grade, bbls., l.c.l., works	lb.	.45	—
tech., bbls., l.c.l., works	lb.	.40	—
Sugar coloring, bbls.	gal.	.75	- 1.10
Milk, bbls, c.l.	lb.	.15	—
l.c.l., 10 or over	lb.	.16	—
less than 10	lb.	.17	—
Sulfanilamide, 5 lb. bots.	lb.	2.20	—
fib., dms., 1,000 lbs., 1 delivery.	lb.	1.75	—
100 lbs.	lb.	1.80	—
Sulphonethylmethane, kgs.	lb.	6.75	- 6.80
Sulphonmethane, kgs.	lb.	5.25	- 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.		18.00	—
c.i., spot, nearby, long ton.		21.00	—
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.		22.00	-25.00
Bost., Portland	long ton.	22.50	-25.50
flowers, bgs., c.l., works	100 lbs.	3.00	—
bbls., works	100 lbs.	3.25	—
l.c.l., bgs., works	100 lbs.	3.35	- 3.75
bbls, wks	100 lbs.	3.70	- 4.10
refined, broken, bgs., c.l., works	100 lbs.	2.15	—
bbls., works	100 lbs.	2.30	—
l.c.l., bgs., works	100 lbs.	2.50	- 2.90
bbls., works	100 lbs.	2.65	- 3.05
flour, com'l., bgs., c.l., works,	100 lbs.	1.65	—
bbls., c.l., works	100 lbs.	1.95	—
l.c.l., bgs., works	100 lbs.	1.95	- 2.35
bbls., works	100 lbs.	2.30	- 2.70
extra fine, bgs., c.l., works.	100 lbs.	2.85	—
bbls., works	100 lbs.	3.20	—
heavy, bags., c.l., works.	100 lbs.	2.55	—
bbls., works	100 lbs.	2.90	—
l.c.l., bgs., works	100 lbs.	2.90	- 3.30
bbls., works	100 lbs.	3.25	- 3.65
light, bgs., c.l., works	100 lbs.	2.65	—
bbls., works	100 lbs.	3.00	—
l.c.l., bgs., works	100 lbs.	3.00	- 3.40
bbls., works	100 lbs.	3.35	- 3.75
rock, virgin, bbls., c.l., works,	100 lbs.	2.30	—
l.c.l., bbls., works	100 lbs.	2.15	—
roll, bgs., c.l., works	100 lbs.	2.35	—
bbls., works	100 lbs.	2.50	—
l.c.l., bgs., works	100 lbs.	2.70	- 3.10
bbls., works	100 lbs.	2.85	- 3.25
Chloride, 55-gal. dms., c.l.	lb.	.03	—
l.c.l., dms., works	lb.	.04	—
10-gal. dms., c.l.	lb.	.07	—
l.c.l.	lb.	.08	—
Dioxide, liq., com'l, cyls., works	lb.	.07	- .09
multi-unit cars, works	lb.	.04½-	.07
tanks, works	lb.	.04	- .05
refrigeration, cyls., works	lb.	.16	- .40
multi-unit cars, works	lb.	.07½-	.10
Iodide bots., jars	lb.	3.80	- 3.85
Sumac, grd., Silician, bls.	ton.	60.00	—
leaf, bales	ton.	65.00	—
Extract, 42°, bbls.	lb.	.05¼-	.06¼
51°, bbls.	lb.	.06½-	.08½
stainless, bbls.	lb.	.08½-	.09¼
Sunflower seed, Calif., large, bgs.,	lb.	.06	- .06¼
medium, bgs.	lb.	.05½-	.06
poultry, bgs.	lb.	.05	- .05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto.	ton.	9.00	—
run-of-pile, basis 16%, bulk, same basis	ton.	8.50	—
triple, 44-45%, a.p.a. bulk, f.o.b. Balto.	unit-ton.	.85	—

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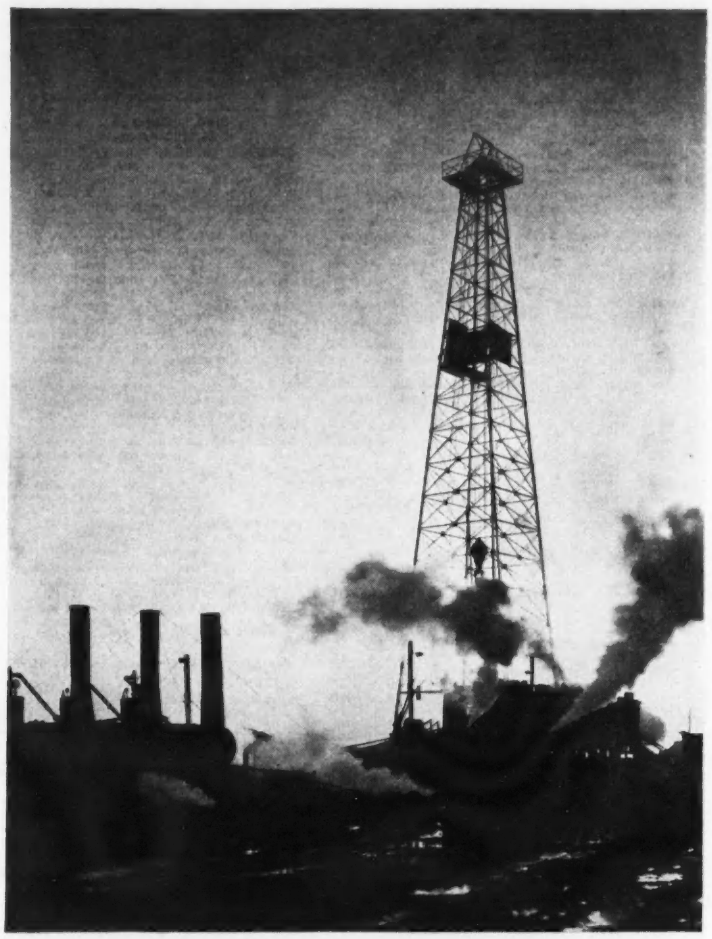
Talc, dom., Calif., 1, bgs., c.l., mills	ton.	20.00	—
2, bgs., c.l., mills	ton.	17.00	—
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills.	ton.	14.00	—
l.c.l., mills	ton.	16.00	—
96.98%, 325 mesh, bgs., c.l., mills	ton.	15.00	—
l.c.l., mills	ton.	17.00	—
98-99¼%, 325 mesh, bgs., c.l., mills	ton.	15.25	—
l.c.l., mills	ton.	17.25	—
99.85-99.95% 325 mesh, bgs., c.l., mills	ton.	17.00	—
coarse, off color, bgs., c.l., mills	ton.	11.00	-13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills	ton.	21.00	—
l.c.l., mills	ton.	24.00	—
Vermont, bgs., c.l., mills	ton.	14.00	—
l.c.l., ex whse	ton.	25.00	—
Import, Canad., bgs., c.l., dlvd.	ton.	28.00	—
l.c.l., dlvd.	ton.	28.50	—
French, high-grade, bgs, l.c.l., ex whse.	ton.	45.00	-60.00
ordinary, bgs., c.l., ex dock, arrival.	ton.	23.00	-25.00
l.c.l. ex whse.	ton.	27.50	-32.50
Italian, 1, bgs., ex dock, arrival.	ton.	65.00	-67.00
ex whse.	ton.	85.00	—
2, bgs., ex dock, arrival.	ton.	60.00	-62.00
Tallow, animal, edible, bbls.	lb.	.08⅛	Nom.
extra, loose, works	lb.	.07¼-	—
special, loose, works	lb.	.06⅞-	—
sulphonated 35% (24% fat), dms., c.l.	lb.	.07	—
l.c.l.	lb.	.07½-	—
50% (43% fat), dms., c.l.	lb.	.07½-	—
l.c.l	lb.	.08	—
50% (48% fat), dms., c.l.	lb.	.08	—
l.c.l	lb.	.08½-	—
Tamarinds, W. I., bbls.	lb.	.06	- .06½
kegs	keg.	5.00	- 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk	unit-ton.	3.25 &	.10
unground, 9-11% ammon., 15-20% b.p.l., bulk	unit-ton.	3.20 &	.10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago	unit-ton.	3.10 &	.10
high-grade feeding, bulk, Chicago	unit-ton.	3.50 &	.10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, shipt.	unit-ton.	3.50 &	.10



Drilling rig in Texas coastal field. Natural gas is burned in the boilers.

Oil lines Texas pockets with over one and a quarter million dollars per day!

During the year 1936, Texas received for its 426,000,000 barrels of oil a total of $470,000,000; that figures out at more than one and a quarter million dollars of revenue for each day of the year. And it is a true revenue, for by far the largest part of that money goes into Texas pockets—as wages, as lease and royalty payments, as taxes, for materials, supplies and services.

Production is the major oil activity in Texas. The state contains 50% of the proven oil reserves in the United States; and last year its production was 40% of the total United States figure, which is a little more than the second and third ranking oil states combined.

Manufacturing facilities have a capacity of approximately 70% of production, or of about 925,000 barrels of oil per day. The refineries are scattered, but by far the heaviest concentration is along the coast: in such cities as Port Arthur, Beaumont, Houston, Texas City, Corpus Christi; Houston, for example, has refineries capable of handling 280,000 barrels of oil per day—about 30% of Texas' total refining capacity.

But what does all this mean to you and your industry?

If you are a manufacturer of the equipment and supplies the Texas oil industry uses, it means that it furnishes you with an annual market of about a quarter billion dollars. If you are a manufacturer of articles with a mass appeal, it means that in Texas, oil presents you with a market of about a million people jingling over $300,000,000 per year of wages, lease money and royalties in their pockets.

Oil, however, is only the most important of the Texas resources. Texas also boasts salt, lime, cattle, cotton and cotton linters, sulphur, wool and mohair, vegetables, fruits, clays of various kinds, carbon black, timber, metallic and non-metallic ores. For fuel, there are inexhaustible supplies of natural gas*.

All these resources, including oil, find their chief industrial utilization on the Texas coast. This area is served by first class rail, highway and water transportation facilities; it has a climate which is mild the year 'round; and it offers sound industrial enterprises a hearty cooperation.

Investigate the Texas coast country for your own company. We will gladly assist you: on request we will prepare for you, without cost or obligation, a comprehensive, reliable survey of South Texas, individualized to your company's particular needs. Your request for this service will be kept in strictest confidence. Address Houston Pipe Line Company, Petroleum Building, Houston, Texas.

* Our 650-mile system of natural gas pipelines runs through the heart of the coastal oil country, supplying fuel for drilling, pumping and refinery operations, and for many other industrial uses.

HOUSTON PIPE LINE CO.

Subsidiary of Houston Oil Company of Texas

GEO. A. HILL, JR., President

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Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03¼- .05¼
Tar acid oil, 15%, dms., c.l., works..gal. .22½- —
l.c.l., same basis.....gal. .25½- —
25%, dms., c.l., works....gal. .28½- —
l.c.l., same basis.....gal. .31½- —
Pine, retort, dms c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .28¾- —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .32½
Terebene, cns.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .80 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l..lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .19 - .20
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons, lb. .26 - —
5 tons, same bases....lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin crystals, bbls., kgs.....lb. .40 - .40½
Metal, Straits.....lb. .54¾- —
Oxide, bbls.....lb. .60 - .62
Tetrachloride, anhyd., bbls...lb. .27½- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals, lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse...lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l., (20 tons) E., frt. alld..lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium, calcium, or magnesium base, bgs., c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l.c.l., E. dlvd.....lb. .06½- —
Pac. cst., ex whse..lb. .06¼- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .06¼- —
l.c.l., E. dlvd.....lb. .06¾- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .48 - .50
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .28 - .30
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l. works.....lb. .80 - —
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichlorcethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld., E. of Rockies..lb. .094- —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., l, cn., dlvd.....lb. .30 - .41
dms., c.l., dlvd.....lb. .26½- —
500 lbs., dlvd.....lb. .27 - —
2, cns., dlvd.....lb. .28 - .39
dms., c.l., dlvd.....lb. .24½- —
500 lbs., dlvd.....lb. .25 - —
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms....lb. .34 - .38
Tripoli, air-floated, bgs., c.l., works..ton.25.00 - —
l.c.l., ex whse., N.Y....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton.17.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton.15.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms., lb. No prices
99%, dms.....lb. No prices
Oxide, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .05½- .06
Madras, bgs.....lb. .06½- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .34¼- —
l.c.l., 10, ex dock....gal. .36¼- —
5, ex dock.....gal. .38¼- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .32 - —
l.c.l., dlvd.....gal. .35 - —
tanks, dlvd.....gal. .27 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Urea, import, 46% N, bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl. Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .12 - .13

V

Valerian root, bls.....lb. .11 - .12
Valonia, beards, bgs., shipt..ton.49.00 - —
Cups, bgs., shipt.....ton.32.50 -34.50
Vanilla beans, Bourbon, tins...lb. 4.00 - 4.25
Mexican, tins.....lb. 4.40 - 4.75
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.25 - 4.50
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more. lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more. lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more. lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .24 - .30
Violet, methyl. toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .57
Tree bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton.41.75 -43.75
Extract, bbls.....lb. .04¾- —
Wax, bayberry, import, bgs...lb. .16¾- .17
Bees, white, bleach, slabs., cs., 500 lbs. .39 - .48
yellow, crude Africa, bgs., lots of 10..lb. .26 - .26½
1 bg.....lb. .26½- .27
Brazil, Chile, bgs., 5-10 tons..lb. .29½- .30
1 ton.....lb. .30 - .30½
500 lbs.....lb. .30½- .31
100 lbs.....lb. .31 - .31½
refd., slabs, cs., lbs...lb. .33 - .39
Candelilla, bgs., 1 ton.....lb. .13 - .13½
jobbing lots.....lb. .13½- .14
Carnauba, No. 3, bgs., chalky, 1 ton..lb. .36 - .36½
5 bgs.....lb. .36½- .37
1 bg.....lb. .37 - .37½
N. C. 2, bgs.....lb. .39 - .40
N. C. 3, bgs., 1 ton.....lb. .36 - .36½
5 bgs.....lb. .36½- .37
1 bg.....lb. .37 - .37½
refined, bgs.....lb. .40 - .40½
yellow, No. 1, bgs., 1 ton..lb. .45½- .46
5 bgs.....lb. .46 - .46½
1 bg.....lb. .46½- .47
No. 2, bgs.....lb. .44¼- .44½
Ceresin, dom., 135°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .10¼- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10¼- —
jobbing lots.....lb. .11¼- —
Japan, cs.....lb. .11 - .11¼
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11¾- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 70°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06½
White precipitate, powd., bots. 5 lbs..lb. 1.99 - —
dms. .....lb. 1.86 - 1.88
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works.ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works, ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp., bags., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Whiting, precipitated, bgs., c.l., works..ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works. ..ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .08 - .08½
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock...ton.33.00 - —
Wormseed, American, bgs.....lb. .15 - .16
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), comL, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld., gal. .41 - —
W. of Omaha, works....gal. .41 - —
Xylol, 5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.80 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .51 - —
smaller lots, same basis, lb. .56 - —
kgs., ton lots, same basis. lb. .56 - —
smaller lots, same basis, lb. .61 - —
sulphide, orange, bbls., works, lb. 1.50 - 1.60
Yellow, chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order.....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import.lb. .02475- —
New York (f.o.b.)..lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .02375- —
New York.....lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle..lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans....lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle..lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock. lb. .02¾- —
from whse.....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y., lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CF, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .10 - .11
Yohimbine hydrochloride, vls..oz. 2.50 - 2.55

Z

Zinc, acetate, USP., bbls., 250 lbs..lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .10½- —
l.c.l. bgs cs.....lb. .11 - —
Arsenite, bgs., c.s., c.l., dealers, west of Rockies.lb. .10½- —
l.c.l., bgs., cs.....lb. .11 - —
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
Zinc, arsenate, gran., dms., c.l., works..100 lbs. 5.00 - —
l.c.l., dms., works..100 lbs. 5.75 - —
solution, dms., works....lb. .04¼- —
tanks, works.....lb. .0225- —
gran., U.S.P., dms., 200 lbs.. lb. .25 - —
jars, 25 lbs.....lb. .31 - —
Cyanide, kgs., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0815- —
l.c.l., bbls., dlvd.....lb. .0875- —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd. except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst., lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cs.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac.cst.lb. .06¾- —
35%, bgs., c.l., dlvd.lb. .0645- —
l.c.l., dlvd., except Pac. cst..lb. .0670- —
ex whse.,Pac.cst.lb. .0670- —
bbls.,, c.l., dlvd....lb. .0670- —
l.c.l., dlvd., except Pac. cst..lb. .0695- —
ex whse.,Pac.cst.lb. .0695- —
50%, bgs., c.l., dlvd...lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .07¼- —
ex whse., Pac. cst.lb. .07¼- —
French process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst.lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
green seal, bgs.,c.l.,dlvd. lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst.lb. .08½- —
red seal, bgs., c.l., dlvd. lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst.lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
white seal, bgs., c.l., dlvd. lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst.lb. .08¾- —
bbls., c.l., dlvd.....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst.lb. .09 - —
import., gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½
Oxide, USP, bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls.....lb. .21 - —
Sulphate, cryst., bgs., c.l.100 lbs. 3.15 - —
l.c.l. .....100 lbs. 3.90 - —
bbls., c.l.....100 lbs. 3.30 - —
l.c.l. .....100 lbs. 4.00 - —
flake, bgs., c.l.....100 lbs. 3.00 - —
l.c.l. .....100 lbs. 4.35 - —
bbls., c.l.....100 lbs. 3.75 - —
l.c.l. .....100 lbs. 4.50 - —
powd., bgs., c.l.....100 lbs. 5.00 - —
l.c.l. .....100 lbs. 5.75 - —
bbls., c.l.....100 lbs. 5.15 - —
l.c.l. .....100 lbs. 6.90 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
bbls., c.l. (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls...lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse., Pac. cst..lb. .05½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works...lb. .04¼- .04½
white, 98%, grd., kgs., works. lb. 1.40 - 1.53

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the October 4 issue; the next printing will be in the November 1 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials Market, which begins on page 37.

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William O. Allison

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Antitrust Law Without NRA

In various comparisons of the national industrial recovery act and possible substitutes in the way of checking the undesirable practices of minorities in industry, it was predicted in these columns that industry as a whole, as well as separate divisions of it, might come some day to lament the passing of the NRA when faced with other, still-existing means of control. These predictions were based on a belief that enforcement of the antitrust acts would not always be somnolent. And no extraordinary talent was required to see that strict enforcement of these statutes would be far more disturbing to business than was the recovery act.

The first application of the antitrust laws to the correction of business practices in a number of years has reached the trial stage—the case in which illegal fixing of gasoline prices is charged. It is expected that the defense will plead privileges granted by the recovery act in justification of certain actions with which it is charged. While it must be recognized that the petroleum industry was not antagonistic to the purposes of that act, and that only a minority raised objections to its administration, the fact remains that the recovery act is dead. Nothing has been provided to take its place in mitigating the stringency of the anachronistic provisions of the antitrust acts. Reason has already arisen for lamenting the fatal "poisoning" of the "Blue Eagle" when it attempted to ingest a dead chicken.

It is significant in connection with the "gasoline trust" case to consider the recent action of the Federal Trade Commission in rescinding and refusing to replace the fair trade practice rules of the petroleum industry. The industry—and the same may be expected by all industries—is to have no semblance of official sanction of practices which, although economically salutary, are not in accordance with the narrow phraseology of the antitrust acts. Any defense plea of beneficence must stand or fall on the shadings of judicial economic belief in which is preferable: competition that is fair, or competition that is free—as wild beasts are free.

There is need for legislation of the purpose of the invalidated recovery act. Industry should formulate it.

Stricter Laws Are Sought

It is the stated purpose of the Department of Justice to seek a strengthening of the Federal antitrust laws, and there is no evidence in what has been publicly stated by the Attorney-General and his ranking associates that this purpose contemplates strengthening of a sort that would be directed to the economic security at which the industrial recovery act was aimed.

When the Secretary of Commerce said, as he was quoted herein last week, that business should so address itself to self-regulation as to minimize legal restraints designed for its own good and that of the public, he sounded a warning that business should carefully heed. What he warned against is made clear in recent declarations by members of the Department of Justice. But, the puzzle which these prosecuting officials confess they find in endeavoring to interpret the antitrust acts, is far less abstruse than is the problem of business in finding an efficacious means of self-regulation.

It is the position of the Department of Justice that the antitrust laws "assert . . . a definite economic plan, a sovereignty of public over private interest in business" and purpose to make competition "function effectively." Those are goodly sounding words; but, what do they mean? The courts have had a variety of views of the economic plan of the antitrust laws; they have stumbled about between the welfare of competitors and that of the public; they have not clearly defined the end for which competition should function effectively.

Just now the Department of Justice is disturbed because bidding on government contracts discloses an almost universal price identity in bids. This smells of collusion to the officials; but, they do not know how to attack what they suspect is illegal. And government buyers are obliged to purchase tires from a mail-order house whose terms of buying of these articles were recently outlawed! Therein lies a question for business to ponder: How legally can a middleman undersell producers in what is supposed to be freely competitive bidding?

That question is a stumper. But, it is fundamental in any endeavor to secure for business the freedom from suspicion without which it cannot expect to be allowed to exercise self-regulation as a privilege, much less as a right.

Once upon a time, the antitrust laws were applied to prohibit price-cutting patently designed to wreck competition. More recently they have been used and threatened against efforts to assist competition to survive through the stabilization of prices. These laws clearly are a double-barreled weapon. They push between the long, curved horns of a dilemma the manufacturer who, by reason of lower costs, devoid of all legal or ethical chiseling, has an actual price advantage over his competitors. What is he to do with it?

He cannot share his advantage with all who buy the same thing he makes. He should not be expected to force his competitors to sell without profit. They will not permit him to skim the cream of the market. But, if all quote the same price, there is a cry of "collusion!"

This is but one of many phases of practical economics that must be taken into consideration in attempts to strengthen the hands of the censors of business practices. The phases to which business should give constructive attention are those which make such strengthening even seem to be desirable. The police officers in some lands are armed only with light sticks. In others they carry riot guns. Sometimes such differences are attributable to official ideas; at others they arise from differences in tasks. Most often they are the result of conflicting views, neither of which is wholly right, that could readily be composed if the matter were undertaken in the proper spirit.

—O-P-D—

Problems In Paint

Two weeks hence the management, production, and sales executives of the paint, varnish, and lacquer industry of the United States and Canada will gather for annual discussion of their various particular and common problems. These conferences are much more than conventions, in the popular sense of the term; they have much of the nature of the old-time teachers' institute: those who can attend do so and their purpose is to learn in a mutual exchange of experiences and by listening to those of greater experience who are there to impart useful knowledge.

It is timely to remark here that the informative value of the annual gathering of the production men of the paint, varnish, and lacquer industry—and that value is great—lies, not alone in what is made known to those who labor with the technical tasks of paint-making, but in great part in what can be got from the discussions by those who are engaged in furnishing the industry with materials and equipment sufficient to its needs. Every year there arise in the course of the open forum discussion of paint production problems a number of hints that are of inestimable value in the development of a better service of supply for the industry.

The paint technicians tell what they want and why they want it. They tell why what they have is not satisfactory and at least by implication or surmise make known how the material or the machine could be made better. The supplier of materials or equipment can get from this frankness much that will enlighten him in respect of improvement in his product, in his selling methods, and especially in the cultivation of goodwill. It will be clear to manufacturers of materials or equipment that their problems have much in common with those of the paint technicians.

The paint industry, like practically every other industry, is more highly developed on the production side than on the distribution side. This year's conference will offer much information and advice for the betterment of sales. Special endeavor will be made to arouse interest in the necessity of making better salesmen of the distributors who bring the industry into contact with the public. It is highly desirable that the industry adequately consider the details of the task of fitting its services into the glaringly obvious need for a wider appreciation of the value of paint on private property.

The promotive activities of the industry have produced gratifying results; but these results cannot be regarded as satisfactory when the widespread evidence of the lack of paint where it should be is viewed. The dismal depths of the depression are perpetuated in the unpainted properties throughout the country. The automobile industry has got back practically as much as is healthy of its boomtime business. Some of the reasons why the same cannot be said of the paint industry are to be found in the automobile industry. Others are peculiar to the paint industry. It is to these that attention should particularly be given—and to the finding of a way out.

EIGHTY-EIGHT YEARS
OF EXPERIENCE

PFIZER
QUALITY

TRIETHYL CITRATE

TRIBUTYL CITRATE

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CHICAGO
444 W. GRAND AVE.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-sixty-second Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Ammonium-Tin Carbonate

Textile

Delustring agent (Brit. 454968) for—
Cellulose acetate yarn
Rayon in the spun form
Regenerated cellulose yarn

Benzylsorbitol

(Benzylsorbite)

Ceramics

Plasticizer (U.S. 1936093) in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 1936093) for—
Natural and synthetic resins, nitrocellulose, cellulose acetate, and other cellulose esters and ethers

Cosmetic

Plasticizer (U.S. 1936093) in—
Nail enamels and lacquers containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers as base material

Electrical

Plasticizer (U.S. 1936093) in—
Insulating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1936093) in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer (U.S. 1936093) in—
Adhesive compositions containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Ink

Plasticizer (U.S. 1757915) in—
Rotogravure inks
Stamp-pad inks
Textile inks

Leather

Plasticizer (U.S. 1936093) in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metallurgical

Plasticizer (U.S. 1936093) in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 1936093) in—
Coating compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (U.S. 1936093) in—
Paints, varnishes, lacquers, enamels, and dopes containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Paper

Plasticizer (U.S. 1936093) in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

Plasticizer (U.S. 1936093) in making—
Films from nitrocellulose, cellulose acetate, or other esters or ethers of cellulose

Plastics

Plasticizer (U.S. 1936093) in making—
Laminated fiber products
Molded products
Plastics from or containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Resins

Plasticizer (U.S. 1936093) in making—
Artificial resins from or containing nitrocellulose, cellulose acetate, or other cellulose esters or ethers

Rubber

Plasticizer (U.S. 1936093) in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (U.S. 1936093) in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 1936093) in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Plasticizer (U.S. 1936093) in—
Compositions, containing natural or synthetic resins, nitrocellulose, cellulose acetate, or other cellulose esters or ethers, used as protective and decorative coatings on woodwork

Cellulose Crotonate

(Cellulosecrotonat, Crotonate de Cellulose, Crotonato de Celulosa, Crotonato di Cellulosa)

Cellulose Products

A white, amorphous powder, suitable for use as a celulosic base

Miscellaneous

Base material in making—
Coating compositions for various uses

Paint and Varnish

Base material for—
Dopes Lacquers

Rayon

Base material in making—
Filaments Threads

3-Chlor-4-ethoxy-2′:4′-diaminoazobenzene Hydrochloride

Disinfectant

Claimed (U.S. 2009086) to be—
Bactericide

Dicyclohexyl Hexahydrophthalate

Cosmetic

Fixative (U.S. 2015239) in—
Perfumes

Potassium 2-Hydroxydiphenylmonosulphonate

Cosmetic

Protectant (U.S. 2015005) in—
Oils, creams, and lotions, against harmful effects of light of short wave length

Sodium 2-Hydroxydiphenylmonosulphonate

Cosmetic

Protectant (U.S. 2015005) in—
Oils, creams, and lotions, against harmful effects of light of short wave length

Sorbitol

(Continued from October 4 issue)

Miscellaneous

Adjunct for glycerin in various processes and products
Adjunct for lower alcohols in various processes and products
Conditioning agent in various processes and products
Flexibilizer in various processes and products
Flexibilizer and promoter of glue gel-strength in—
Cork-binding
Gasket papers
Humectant in—
Polishes of various sorts
Shoe polishes
Various processes and products
Starting point (French 703792) in making—
Polishing composition ingredients by condensing with white lignite wax
Softening agents with higher monobasic fatty acids
Substitute for glycerin in various processes and products
Substitute for lower alcohols in various processes and products

Paint and Varnish

Starting point in making—
Anticorrosive paint materials possessing great elasticity and stability, with linoleic acid, rosin, boric acid, and benzoyl peroxide (Germ. 529483)
Drying oil substitutes by condensing with higher monobasic fatty acids (French 703792)
Oil characterized by faster drying properties than those of linseed oil and solubility in all organic solvents excepting alcohol (French 703792)

Paper

Humectant for—
Food-wrapping papers (claimed to offer as advantages: (1) Lack of odor, color, and other undesirable characteristics; (2) treated paper is not "tacky") (U.S. 1731679)
Paper products
Parchmentized papers
Wrapping papers
Ingredient of—
Paper-treating admixtures with glycerin
Paper-treating admixtures with glycol
Paper-treating admixtures with sodium lactate
Paper-treating admixtures with glycerin, calcium chloride, calcium acetate, and sodium chloride

Pharmaceutical

In compounding and dispensing practice
Suggested for use as—
Diuretic
Mild laxative
Sugar substitute for diabetics

Plastics

Starting point (French 703792) in making—
Plastics with higher monobasic fatty acids

Printing

Flexibilizer for—
Printers' rollers
Humectant for—
Printers' rollers
Increaser of—
Body of printers' rollers
Resistance of rollers to action of organic solvents used in modern high-speed inks
Resistance of rollers to undue moisture pick-up at high temperatures and humidities, without sacrifice of desirable surface softness at low humidities
Toughness of printers' rollers

Resins

Hardening agent for—
Resins (French 664455)
Plasticizer for—
Resins (French 664455)
Starting point in making—
Air-drying alkyd type resins
Alkyd type resins
Ester-gum type resins
Esters and ethers useful as hardening agents and plasticizers for phenolic resins (French 664455)
Esters and ethers useful as plasticizers for resins (U.S. 1936093)
Esters useful as plasticizers for resins (Germ. 510423)
Modified alkyd type resins
Resins with abietic acid, characterized by great hardness and high melting point (Germ. 500504)
Resins with anhydrides of citric acid, characterized by great hardness and high melting point (Germ. 500504)
Resins with anhydrides of maleic acid, characterized by great hardness and high melting point (Germ. 500504)
Resins with anhydrides of phthalic acid, characterized by great hardness and high melting point (Germ. 500504)
Resins with anhydrides of polybasic carboxylic acids, characterized by great hardness and high melting point (Germ. 500504)
Resins with anhydrides of succinic acid, characterized by great hardness and high melting point (Germ. 500504)
Resins with citric acid, characterized by great hardness and high melting point (Germ. 500504)
Resins with maleic acid, characterized by great hardness and high melting point (Germ. 500504)
Resins with phthalic acid, characterized by great hardness and high melting point (Germ. 500504)
Resins with polybasic carboxylic acids, characterized by great hardness and high melting point (Germ. 500504)
Resins with succinic acid, characterized by great hardness and high melting point (Germ. 500504)

Rubber

Humectant in—
Rubber products

Soap

Softening agent and humectant (Brit. 294130) in—
Toilet soaps

Textile

Adjunct (U.S. 1955766) to—
Sulphonated oils used in textile processes
Flexibilizer for—
Textile fabrics
Textile sizes
Humectant for—
Textile fabrics
Textile sizes

Tobacco

Humectant for—
Tobacco
Tobacco papers

Wood

Plasticizing and softening agent in—
Veneering processes
Reducer of shrinkage and expansion phenomena in—
Veneering processes

Heavy Chemicals

General Demand Lacks Improvement—Antimony Metal Lower Fair Call for Nickel Salt and Chromic Acid—Tin Derivatives Firmer—Saltcake Strong

Business in the market for industrial chemicals failed to show an improvement at the start of the fourth quarter. Shipments against contracts indicated that manufacturing consumers were not ordering beyond actual production requirements. This conservatism, however, failed to disturb the generally firm price tone in the more important products. Changes included a slight decline in antimony metal.

Contract releases reaching the market last week from the steel industry reflected the sharp letdown in operating schedules. The American Iron and Steel Institute reported that operations were at 66.1 percent of capacity compared with 74.1 percent in the preceding period and 75.3 percent of capacity at the same time a year ago. However, some optimism was noted in the chemical market with fair-sized inquiries, late in the week, from the automobile industry. Shipments of nickel salt and chromic acid, as well as of soda cyanide, were fairly good at times. Tin salts noted a firmer tone, reflecting a higher price for the basic metal. Tungsten derivatives continued nominal. Alkalies were quiet. Soda silicofluoride was dull. Saltcake continued strong.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Antimony metal, ½c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.3	154.3	154.4	153.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.7	99.7	99.8	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—A fair demand was reported for iron-free and commercial sulphate. No change was disclosed in quotations. Available information would indicate that the Chilean demands for aluminum sulphate are covered by domestic production. It is said that a firm in the Department of Tocopilla can produce approximately 200 metric tons monthly. A firm in Antofagasta, owners of a natural deposit of aluminum sulphate in the Department of Arica, are considering the installation of a refining plant. The former import trade of about 200 tons annually has averaged less than 6 tons annually for the past three years. There were no exports recorded in 1934 or 1935. In 1936 70 tons were shipped from Tocopilla to Argentina, according to the commercial attache at Santiago.

Ammonia, Anhydrous.—Demand continued to hold up fairly well, the unseasonal weather resulting in a better demand than usually noted at this time of the year.

Ammonia, Aqua.—Business was highly irregular throughout the week, but the irregularity in the buying failed to have an influence on the market price-wise.

Ammoniac, Sal.—Another quiet week was noted in this market. Shipments were moving out at a pace indicative of an attempt on the part of consumers to confine withdrawals to immediate production requirements. The volume for the week was sufficient to give the market a steady to firm tone.

Antimony.—A slightly lower price was noted for antimony metal. Sellers were asking 16½c. per pound for spot purchases.

Antimony Oxide.—Withdrawals by the ceramic industry were fairly good at times during the week. Quotations ruled unchanged, although the basic metal noted an easier tone.

Arsenic.—Business in white arsenic was spotty again last week. Prices ruled unchanged. There was little to report in the market for red arsenic. Demand was slow, but prices were steady.

Barium Salts.—The market for barium chloride was quiet during the week. Prices held steady. A slow call was noted for the carbonate, and there was little to report in hydrate and nitrate, because it was apparent that consumers were not ordering beyond actual production requirements.

Blue Vitriol.—The market noted a slightly slower demand during the course of the week just closed. Sellers reported quotations were firm at the levels established in the preceding period.

Calcium Acetate.—A fair buying movement was reported for this product. Quotation was firm at the new level established in the preceding period.

Calcium Chloride.—This market continued to experience an irregular call throughout the week. Sellers reported a good volume of business on the books for delivery later in the current quarter.

Copper.—One of the principal custom smelters reduced the price of copper 12c. per pound, reflecting a severe decline in European prices and a reduction in scrap copper here. Other sellers were holding to the 13c. per pound level. Investigations recently conducted on various soils in North Western Germany, deficient in traces of copper necessary for healthy plant growth, have established the practicability of utilizing ground copper copper-bearing rock obtained from various inexpensive, low-grade German cupreous minerals, such as Permian limestone, copper shale and copper-containing waste-ore dumps. The use of these minerals of domestic origin in replacement of copper sulphate obtained from imported ores used heretofore is being pushed because of the savings in foreign exchange thus achieved. The scientific investigations conducted showed that the results of the application of the milled copper-containing rock were even superior to those afforded by copper sulphate, and even the excessive use of the cupreous "rock-meal" did not prove injurious to the plants, according to the consul at Frankfort-on-Main.

Copper Oxide, Black.—Sellers were quoting this product at 17c. per pound for ton lots and 17½c. per pound for less than ton lots.

Copperas.—An irregular call was shown for this product again last week. Consumers in all quarters of the market were adhering to the conservative buying policy. Quotations were unchanged. Steel operations were at 66.1 percent of capacity, against 74.4 percent in the preceding period, according to the American Iron and Steel Institute.

Fluorspar.—Demand slowed down somewhat during the week, but the statistical position of the market, as far as surplus stocks were concerned, favored the presence of a decidedly firm tone. The major consumer of this product, the steel industry, noted a sharp curtailment in operating schedules.

Lead Acetate.—This market displayed a steady tone at the levels established in the preceding period. Demand indicated that consumers were covering when needs reached an imperative stage.

Manganese Ore.—Prices were strictly nominal. The nominal position of the market was the result of limited supplies.

Nickel Salt.—Shipments were moving to the plating trade and other usual buyers at a fair pace. Sellers reported prices displayed a firm tone at previous levels.

Potash Carbonate.—Although the market was a rather drab affair throughout the week, regular buyers were covering for actual production needs only, but prices were firm at the levels in force previously.

Potash, Caustic.—Shipments were moving out in fair volume during the week, the call coming mainly from the soap trade and chemical processors,

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

E. De HAEN'S PREPARATIONS for Standard Solutions At leading Laboratory Supply Houses
FIXANAL
Pfaltz & Bauer, Inc.
EMPIRE STATE BUILDING, NEW YORK

SYNTHETIC
Imported CRYOLITE 98/100% Snow White
Warehouse Stocks in New York and Baltimore
CUNO SIEVERS INC. • ESTABLISHED 1908 • 101 Cedar Street New York
BArclay 7-3858-3859-3865

TURNER
LIQUID CAUSTIC SODA
TANK TRUCKS—DRUMS
Local delivery tank truck service throughout the Metropolitan New York area.
JOSEPH TURNER & COMPANY
83 EXCHANGE PL. PROVIDENCE
RIDGEFIELD, N. J.
630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET CHICAGO

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

MINERAL OIL RESIDUES
NAPHTHENIC SOAP
FLAG BRAND WHITE OILS
NAPHTHENIC ACID SLUDGE
Specifications Upon Request
S. SCHWABACHER & CO., Inc.
25 Beaver Street Importers New York

SULPHUR
Stauffer
. . . . constantly dependable for half a century
BORIC ACID : CARBON TETRACHLORIDE : BORAX : TITANIUM TETRACHLORIDE : CAUSTIC SODA SULPHUR CHLORIDE SULPHUR : SILICON TETRACHLORIDE CREAM OF TARTAR SULPHURIC ACID : CARBON BISULPHIDE : TARTARIC ACID
STAUFFER CHEMICAL COMPANY
624 California St. San Francisco, Cal. • 2710 Graybar Bldg. New York, N. Y. • Freeport Texas
Carbide and Carbon Bldg. Chicago, Ill. Rives-Strong Bldg. Los Angeles, Cal.
Stauffer

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE 30 CHURCH ST.

and prices were unchanged at previous levels.

Potash Chlorate.—Important developments were lacking in this market during the week. The match industry was slow in ordering, but prices were held at the levels of the previous period.

Saltcake.—A good demand was reported in this market again last week. Prices were firm. According to a survey by the Tariff Commission, large deposits of natural sodium sulphate, estimated at two billion tons, are located near Karabugez on the eastern shore of the Caspian Sea in Soviet Turkestan. The deposits are of high purity and are practically free from magnesium salts. Production of saltcake in the Karabugez area was reported at 115,000 tons in 1935, and plans are reported for the construction of new plants which would greatly increase the output in this region. It is also reported that some of the new plants will utilize the Karabugez deposits to produce a number of chemicals using the crude sodium sulphate as raw material. Presumably, the output of these plants will be used in the Soviet Union, for Karabugez is located at a great distance from ocean ports. Large deposits are reported in other parts of the Soviet Union, namely the western shore of the Caspian Sea, the lakes south of the Trans-Siberian Railway and along the Yenisei River in northern Siberia. These deposits, like those og Karabugez, are not advantageously located for exportation. Foreign trade statistics of other countries indicate that the Soviet imports and exports of saltcake are quite small. Small shipments of saltcake, reputed to be of good quality, have been made from the Soviet Union to the United States.

The survey states that Belgian saltcake production is in conjunction with hydrochloric acid by treating ordinary salt with sulphuric acid. The seven producers in Belgium have an estimated capacity of 110,000 short tons annually. Production statistics are not available, but it is reported that the Belgian plants have in recent years operated at not more than two-thirds capacity. Saltcake is used in Belgium chiefly in the glass industry. The Belgian consumption, estimated at 110,000 short tons in 1913, has declined appreciably in recent years because of the partial substitution of soda ash for saltcake in the manufacture of glass. Belgium is an exporter of saltcake, exports going chiefly to the United States and the Baltic countries. Practically all of the Belgian exports are made through the Sulphate Union of Frankfort. Belgian imports of sodium sulphate, which are quite small relative to exports, are largely from Germany.

Soda Ash.—Business continued fair in this market during the week just closed. Sellers reported prices appeared firm at the levels in force in the preceding period.

Soda Bicarbonate.—This situation experienced little change from recent weeks, with the usual consumers ordering out supplies for nearby production requirements, and prices were firm.

Soda, Caustic.—There was a rather slow call noted in this market during the week. Consumers in all quarters of the market were ordering out for actual production requirements only. A steady to firm tone prevailed.

Soda Silicofluoride.—This situation was much the same as in the preceding period. The ceramic industry and other usual buyers were making conservative purchases, but sellers reported prices were steady at the levels in effect previously.

Soda Silicate.—Shipments were moving for routine account at a fair pace during the week. Prices ruled firm at previous levels. September shipments measured up satisfactorily.

Strontium Nitrate.—A fair demand was reported for this product at times during the week. Prices ruled firm. July imports amounted to 115,915 pounds, valued at $7,724, with the material coming from Germany.

Tin Salts.—A slight advance was noted in the tin derivatives, reflecting a firmer tone in the basic metal market. Straits tin was listed at 57⅜c. per pound in mid-week.

Tungsten Metal, Powder.—Prices for the various tungsten derivatives continued strictly nominal. This situation could be attributed to the uncertainty surrounding the basic metal price in China, because of the hostilities with Japan.

Uranium Oxide.—This market noted little change last week. Prices were steady to firm. July imports of uranium salts amounted to 2,041 pounds, with Canada furnishing the material.

Urea.—A spotty demand was reported in this market. Prices were firm. An alleged new process has been developed by a firm in Germany for producing artificial snow for decorative purposes from glass wool, alum and urea. Mixtures of other natural or synthetic fiber and crystalline substances, with the addition of urea, are also suitable for use with this new process, according to the consul at Frankfort-on-Main.

Acids

The market for the mineral acids continued quiet during the week just closed. Reflection of the tapering off in production schedules of certain basic industries was noted in the movement of sulphuric acid, battery acid, muriatic acid and nitric acid. However, prices were steady to firm. Formic acid demand was irregular. Chromic acid demand was spotty, but the irregular call failed to disturb the firm price tone. Lactic acid demand was fair at times during the period under review. Acetic acid was in fair demand, sellers reporting prices were firm at the levels established in the preceding period.

Acetic.—A fair buying movement was reported in this market again last week. Prices ruled unchanged.

Battery.—There was a highly irregular call in evidence for this product again last week. No change was uncovered in quotations.

Boric.—This market presented little change during the course of the week just closed, routine withdrawals were fairly large. Prices displayed a steady to firm tone.

Chromic.—The market noted a slow demand at times during the week. No change was disclosed in quotations. Platers seemed to be covering for actual wants only.

Formic.—Usual consumers were ordering out for actual production needs, but the quiet demand failed to have an influence on the price structure, sellers reporting quotations were decidedly firm.

Lactic.—This market was much the same as in the preceding period, demand was irregular and quotations were well held.

Muriatic.—Despite the inclination of manufacturing consumers to purchase for immediate production wants only, sellers reported quotations displayed a decidedly firm appearance.

Nitric.—Business in this product was fairly good at intervals during the period under survey. Prices ruled unchanged.

Oxalic.—Demand was fairly good at times during the week. Prices ruled unchanged.

Sulphuric.—Although demand slowed down somewhat during the week, the slower demand resulting from the tapering off of production schedules of certain major consuming industries, steel mill operations were at 66.1 percent of capacity, compared with 74.4 percent in the preceding period.

Baltimore, Oct. 6.—Remarkably enough, in the face of a general easing in the quotations on other products handled in connection with fertilizers, sulphuric acid maintains its firmness, a state of affairs attributed to relative scarcity of supplies. Additions to the output have so far not served to ease up the situation, and it is contended that users of acid, even those who are also producers, find themselves short of stocks. One consumer stated that he had solicited several cars of acid from other makers, leaving it to them to name the price, but had been informed that they were unable to take care of his requirements. The nominal figures are still at $12 per ton for 60 degree, and at $15 per ton for 66 degree acid, but the amounts actually paid are more or less above these levels, with the inquiry as diligently prosecuted as ever. The market for oleum, though not quite so strong, also continues firm, with the nominal figure of $17 per ton for 20 percent stocks, hardly more than a market guide, and with the payment of premiums above this level quite general.

Insecticides

The market for agricultural insecticides and fungicides continued quiet during the week. Prices ruled steady to firm. The Ministry of Agriculture is the largest outlet for agricultural insecticides in Brazil. That entity compounds insecticides from imported and domestic materials, selling the finished product at cost to farmers. In some instances, the prepared product is imported. The Ministry enjoys duty-free privileges. Orders are usually placed through the "Commissao Central de Compras," government purchasing agency, which calls for public bids on the chemicals desired. Only firms doing business in Brazil or with duly registered local representatives, are eligible to bid, according to the commercial attache at Rio de Janeiro. Following a study of methods to fight the pest of locusts and grass hoppers which has seriously menaced crops in French Guinea, the Colonial Government has decided upon the employment of an airplane for distributing insecticides in affected regions. Special funds have been appropriated to equip a plane from the West African Aerial Service for spraying the fields with powdered and liquid insecticides, a number of which will be experimented with in the search for an efficient agent, according to the consul at Paris.

Calcium Arsenate.—Demand was slow again last week. Prices ruled unchanged. Picking cotton made good during the week in western portions of the belt. Rapid advance was also made in eastern section early in the week but only slow advance in the latter part.

Lead Arsenate.—Although the market continued dull and featureless during the week, sellers reported prices were firm.

Nicotine Sulphate.—A fair demand was noted in this market. Sellers reported prices were firm.

Douglas Will Head McGill University

Lewis W. Douglas, vice-president and director of the American Cyanamid Company, this city, has been appointed principal of McGill University, Montreal. He will assume the office January 1. Mr. Douglas sailed for Europe October 6 on a business trip of several weeks in the interests of his company.

Mr. Douglas has been vice-president of the American Cyanamid Company since late in 1934, having been elected to that office a short time after his resignation from the Federal post of Director of the Budget because of disagreement with the fiscal policy of President Roosevelt. He had resigned as Arizona representative-at-large in Congress to accept the budget directorship in 1933, having been in Congress six years. Previously he had been a member of the Arizona legislature.

Mr. Douglas is a graduate of Amherst College and the Massachusetts Institute of Technology. He is a geologist, metallurgist, economist, and historian, and was an instructor in history at Amherst before going to Arizona in 1920 to engage in mining. His father, J. S. Douglas, is president of the United Verde Extension Mining Company.

Mr. Douglas is of Quebec ancestry, and his family has had a part in the history of McGill University. His grandfather, Dr. James Douglas, a physician born in Quebec, was a member of the board of governors of the university and donated to the institution $200,000, which has made possible the erection of Douglas Hall, a residence for men, officially opened October 6 by the Governor-General of Canada. Dr. Douglas went to Arizona some years ago, where he founded the town of Douglas and organized what is now the Phelps Dodge Corporation. Mr. Douglas's father was born in Quebec, but went to Arizona with his father, Dr. Douglas, to engage in mining. His father-in-law is F. G. Zinsser, of Zinsser & Co., organic chemical manufacturer, Hastings-on-Hudson, N. Y.

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Elko Chemical Formed, Headed by L. E. Kolker

The Elko Chemical Company has been formed to manufacture paradichlorobenzene, orthodichlorobenzene, monochlorobenzene and muriatic acid. Installation of machinery and equipment, designed for production of the highest quality, as well as providing for future expansion, is nearing completion at its Newark, N. J. plant. The processing activities of the new company will be under the direction of Lee A. Kolker.

Lee A. Kolker

Mr. Kolker, who is president and a director of the Elko company, has been prominently identified with the alkali industry, having become affiliated with the Mathieson Alkali Works, Inc., in 1931, the year of his graduation from Massachusetts Institute of Technology. He was attached to the New York sales and technical staff of the Mathieson company until 1936, when he was appointed New England district manager, from which he recently resigned to aid in the formation of the Elko company.

In order to assure nationwide distribution, arrangements have been made with Philipp Brothers, Inc., 70 Pine Street, this city, to handle exclusively the sales of Elko products. Philipp Brothers, Inc., manufacturers, manufacturers' agents, importers and exporters of a wide line of industrial chemicals, was established in 1914, and maintains branch offices in Boston and Providence, as well as carrying warehouse stock at Chicago, Philadelphia, Los Angeles, San Francisco and at other strategic points throughout the country. In addition, affiliated houses are located in most of the principal cities all over the world.

The chemical sales division of Philipp Brothers, Inc., is under the supervision of its vice-president, George F. Smith, who is also a director of the Elko company. Mr. Smith, a graduate of Colgate University, has been affiliated with Philipp Brothers for approximately 20 years. He is assisted in the chemical sales division by Frank J. Edwards, who, previous to joining the Philipp company in 1934, was associated with the Grasselli Chemical Company for 20 years. Among the other directors of the Elko Chemical Company is Theodore F. Black, a well known attorney.

Calcium Hypochlorite Cost Probe Refused

WASHINGTON, Oct. 7, 1937.

The United States Tariff Commission today dismissed without prejudice an application for an investigation of the foreign and domestic costs of producing calcium hypochlorite, now dutiable at 25 percent ad valorem under paragraph 5 of the tariff act of 1930. The application was filed September 1, 1936, by Mathieson Alkali Works, Inc., New York, and Pen-Chlor, Inc., Philadelphia, looking to an increase of duty under the flexible provisions of the tariff law.

Remington Medal to Leon Lascoff Oct. 25

The Remington Honor Medal of the New York branch of the American Pharmaceutical Association for 1937 will be presented to Dr. J. Leon Lascoff, October 25. The presentation will be made at a dinner in the Hotel Pennsylvania, which is scheduled for 7:00 p.m.

Dr. Lascoff is a retail druggist in this city, specializing in prescription compounding. He is also chairman of the A. Ph. A. committee on recipe book. He has served particularly his calling also as a vice-president of the association and as a member of the New York State Board of Pharmacy.

The charge for the dinner will be $3.50. Dress will be optional. Horace T. F. Givens, 115 West Sixty-eighth street, this city, is chairman of the dinner committee. Early reservations are requested.

Edgar H. Frey, of the Frey & Horgan Corporation, brokers in tallow and vegetable oils, this city, has applied for associate membership in the New York Produce Exchange.

Oil Marketers Denied C.D. Alcohol in Cars

WASHINGTON, Oct. 6, 1937.

The Bureau of Internal Revenue has denied the request of the National Oil Marketers Association that oil jobbers be permitted to purchase completely denatured alcohol in tankcar lots for repackaging for distribution to retail filling stations for sale for antifreeze purposes.

In a letter to Paul E. Hadlick, secretary of the association, Stuart Berkshire, Deputy Commissioner of Internal Revenue, stated:—

The bureau holds that the conversion of completely denatured alcohol into antifreeze by the addition of small quantities of certain ingredients does not change the primary character of the completely denatured alcohol. Such conversion of completely denatured alcohol does not constitute "use" within the contemplation of treasury decision 16, and does not place the converter in the class of a "manufacturer" within the intendment of the decision. In view of these facts the bureau does not feel warranted in authorizing the shipment of completely denatured alcohol in tankcars for the purpose of preparing antifreeze.

Mr. Hadlick declared that he believes the bureau has misinterpreted the request and has considered it to be an application for permission to make proprietary solvents out of completely denatured alcohol; whereas, the jobbers are interested mainly in distributing completely denatured alcohol as such and desire to obtain it in tankcar lots rather than drums because of the saving in freight. He declared that he may renew his request to the bureau at a later date.

F.W.D.A. Golf Winners

There was a large and enthusiastic turn-out of golfers at the tournament in connection with the twenty-second annual meeting of the Federal Wholesale Druggists Association in Cleveland September 21 to 24. The golfers played at the Lakewood Country Club September 22.

The low net score was turned in by D. Holland, who became this year's custodian of the Johnson & Johnson cup and received a handbag donated by the Davol Rubber Company. Other prize-winners, in the order of their merit, were:—

Stanley J. McGiveran, of the Owens-Illinois Glass Company: cocktail set.

Harold Sharp, of the Coca-Cola Company: chafing dish.

J. V. Tucker, of the Davol Rubber Company: cutlery set.

A. B. Hill, of Johnson & Johnson: picture.

Joseph Kelenberger, of the Scholl Manufacturing Company: electric clock.

R. T. Gulley: coffee set.

E. T. T. Williams, of Becton, Dickinson & Co.: two pictures.

J. W. Kane, of the Iodent Chemical Company: alabaster ash set.

J. C. Hearn, of Harold F. Ritchie & Co.: dish and stand.

Thurston Merrell, of William S. Merrell & Co.: bonbon dish.

P. Hammett: relish dish.

B. S. Thorp: Sarazen golf balls, donated by the St. Louis Wholesale Drug Company.

R. F. Rainsberger: Gem gift set, donated by the American Razor Company.

A. D. Ball, of Becton, Dickinson & Co.: rain jacket.

B. MacCallum, of the Eastman Kodak Company: Gem de luxe razor set, donated by the American Razor Company.

W. F. Schifferli: poker chip set.

Vance R. Littlefield, of Becton, Dickinson & Co.: golf shirt, donated by the David R. Walker Company.

R. E. Schwartz: humidor, donated by the Whitall-Tatum Company.

Sterling Products Reported Dealing for British Firm

LONDON, Sept. 25, 1937.

An official statement has just been issued by H. G. L. Hazell, director and secretary of Macleans, Ltd., manufacturing chemist, referring to the report that Sterling Products, Inc., the American drug firm, had made an offer of $15,000,000 for the privately owned ordinary capital of Macleans.

"The directors of Macleans are aware that offers have from time to time been received by the ordinary shareholders from various quarters," stated M. Hazell; "but they are able to state that no agreement has yet been reached."

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Bromine Index 3

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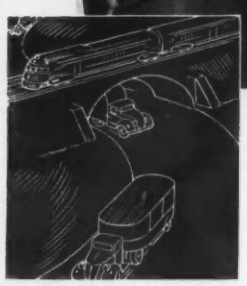

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Coaltar Chemicals

Demand for Benzol and Phenol Slower—Toluol and Xylol Firm —Crude Naphthalene Dull—Creosote Oil Steady—Good Call Continues for Phthalic Anhydride

Business in the market for coaltar chemicals noted a slight slackening during the week just closed. The tapering off in demand could be attributed to the let-down in the general business situation. Manufacturing consumers on all sides appeared to be purchasing supplies for immediate production requirements. The relatively slow call failed to disturb the firm tone in the general market. The market was without a specific price feature.

Demand for phenol from domestic consumers slipped off somewhat last week, but the export inquiry continued fairly good, resulting in a decidedly firm price tone. Benzol demand was fairly good at times during the period under review, prices were well maintained. Betterment in conditions in the automobile industry were expected to bring about a broader movement of toluol during the current quarter. Creosote oil displayed a steady tone. Buying of cresylic acid was fairly good, the call coming from the synthetic resin industry and other usual channels of consumption. Crude naphthalene was quiet. Refined naphthalene market noted an active campaign for the renewal of contracts. Phthalic anhydride continued in good request, prices displaying a decidedly firmer tone, despite the increased production. Anilin oil was also firm. Betanaphthol was in fair demand. Movement of colors continued along conservative lines.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	126.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—There was a good demand in the market for industrial benzol during the week just closed. Manufacturing consumers continued to order out supplies for actual production requirements. Steel mill operation were at 66.1 percent of capacity, against 74.4 percent in the preceding period, according to the American Iron and Steel Institute. A month ago operations were at 71.6 percent of capacity, and a year ago at 75.3 percent. July exports of benzol amounted to 1,330,735 gallons, valued at $165,577, of which France consumed 1,206,417 gallons; Netherlands, 102,522 gallons; Canada, 8,583 gallons; Argentina, 8,460 gallons; Brazil, 1,378 gallons; Chile, 200 gallons; Peru, 1,084 gallons; Venezuela, 166 gallons; and China, 1,684 gallons.

Cresol.—A good buying movement continued in evidence in this market during the week just closed. Usual buyers were withdrawing full contract allotments. Prices were firm at the levels in force previously.

Creosote Oil.—Shipments were moving forward at a fair pace throughout the period under review, and prices were held at the levels in force previously. July imports consisted of 5,714,065 gallons, valued at $639.051, of which Belgium shipped 12,152 gallons; Netherlands, 2,836,581 gallons; United Kingdom, 1,472,888 gallons; Canada, 104,105 gallons; Japan, 931,082 gallons, and Kwantung, 367,257 gallons.

Cresylic Acid.—A fair demand was noted for this product again last week. The call came from the synthetic resin industry and other usual consumers. Prices were well held at the levels in force in the preceding period. July imports amounted to 184,450 gallons, valued at $123,818, of which Germany shipped 29,167 gallons, and United Kingdom, 155,283 gallons.

Naphthalene. — Demand continued slow in the market for crude naphthalene, prices were steady to firm. Activity in the market for refined naphthalene continued to be centered on contract writing. July imports of crude naphthalene amounted to 4,945,806 pounds, valued at $115,319, of which Belgium shipped 552,479 pounds; Germany, 1,351,901 pounds; Netherlands, 231,802 pounds; Poland and Danzig, 393,228 pounds; Russia, 668,438 pounds; and the United Kingdom, 1,747,958 pounds.

Phenol.—A firm tone continued in prominence in this market during the course of the week just ended. Demand was slower. The call came from the synthetic resin industry and other usual channels of consumption. There was a fairly active export inquiry.

Toluol.—Although an irregular buying movement was reported in this market, sellers reported prices ruled firm at the level of the preceding period.

Xylol.—Quotations continued firm in this market, shipments were moving forward in fair volume, but it was apparent consumers were not covering beyond actual production requirements.

Chicago Coaltar Bases

Demand for motor benzol continues to be quite a feature of the general coaltar bases market. Buyers are trying to get the material in rather substantial quantities for blending with gasoline. Other materials in this classification are steady, for the most part. Xylol is attracting attention. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—A firm tone continued in prominence in this direction. Demand was highly irregular for both technical and refined products.

Benzoic.—Demand in this market reflected an inclination of consumers to purchase for actual wants. No change was disclosed in prices.

Broenner's.—A highly irregular call was in evidence for this market. Quotations displayed a steady to firm tone.

Cleve's.—This situation revealed little change during the week; demand was highly irregular and prices were firm.

Salicylic. — Shipments were moving forward to routine consumers at a favorable pace throughout the week. Prices were in conformity with the schedule in effect in the preceding period.

Sulphanilic. — Dye makers continued to adhere to the policy of ordering out supplies when needs reached an imperative stage, and prices were unchanged.

Tobias.—This market noted a spotty demand during the week. Quotations were well maintained.

Other Intermediates

Anilin Oil.—Shipments continued to move out at a fair pace throughout the week. Prices were well maintained.

Benzidin Base.—Although the market was a rather drab affair, usual buyers being content to purchase for actual wants only, sellers reported prices were firm at previous levels.

Betanaphthol. — There was little to report in this market, with the possible exception that demand was a pace slower, but quotation were well held.

Dinitrotoluene.—This market continued to enjoy a fair demand throughout the week just closed. Sellers reported prices were decidedly firm.

G Salt. — Business in this direction continued to be concerned with actual production requirements. Prices were in line with values in effect in the preceding period.

Orthochloranilin. — Demand in this market was highly irregular. Sellers were asking previous values.

Orthocresol. — Business continued good throughout the week. Prices were decidedly firm.

Orthodichlorobenzene. — Shipments were of moderate volume throughout

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

the period under review, and prices were well sustained.

Phthalic Anhydride.—Demand in this market was sufficient to absorb current production. Prices were decidedly firm.

Schaeffer's Salt.—There was little to report in this market, usual buyers confined purchases to actual wants, and prices were decidedly firm.

Toluidin.—Although the market noted a highly irregular demand, sellers reported quotations were firm.

Xylidin.—This market was much the same as in the preceding period, prices were firm and demand was highly irregular.

Coaltar Colors

Business in the market for coaltar colors continued highly irregular during the week for manufacturing consumers showed little tendency to relinquish the hand-to-mouth policy. Prices were firm. A cable from the commercial attache at Shanghai says that in the dyestuffs trade nothing is moving into or out of Shanghai and there is no early prospect of so doing. Transshipping and coastwise freight charges from Hongkong to Shanghai are expensive, also this is no object in shipping as stocks cannot move from Shanghai. Moreover dye companies normally carry six months' stocks on hand. Some small quantities are moving into interior points from Canton and from Tsingtao while it is reported also that there are some goods moving to Tientsin and thence inland as conditions permit. Currency and trade conditions in Central China are more nearly normal than elsewhere and dealers and importers are able to make collections more satisfactorily. The Chinese sulphur black manufacturing industry at Shanghai has presumably suffered damage due to hostilities though the extent is not yet appraisable. If hostilities continue for some months, vegetable indigo production in Szechuen and Kiangsi provinces and other parts of the interior will undoubtedly increase although it now costs more than the imported synthetic product where transportation permits distribution of synthetic indigo. Prior to the outbreak of hostilities the Chinese were taking more and more to aniline and coal-tar fast dyes due to better purchasing power of the masses. However, present hostilities may reduce purchasing power and may even force them to get along with little or no dyes especially in a continued long period. The Chinese can revert to village economy quickly and without disastrous results to themselves but on the other hand can quickly recover after troubles are over provided they are not afflicted by natural disaster.

Obituaries

Charles H. Rathbone

Charles H. Rathbone, one of the early operators in the oil industry in the United States and Mexico, died October 7 in the Hotel McAlpin, this city, where he had lived for twenty-five years. He was eighty-four years old. Born in Hebron, Pa., Mr. Rathbone was associated with the early development of oil in Pennsylvania and the "wildcatting" days in West Virginia and Ohio. In 1882 he went to New Mexico in search of minerals. At Santa Fe he found oil being burned for lighting, and searching for oil further south he ultimately reached the Tampico fields. He was one of the first Americans to enter the Mexican oil fields. In 1908, when he was general manager for the Pennsylvania Oil Company, he discovered the famous Dos Bocas oil well, in the Tampico area. He retired in 1932. He was a Mason, a Shriner, and a member of the Society of Mexican Pilgrims. Mrs. Rathbone, the former Mary Somerville Romanis, died in 1922, and Charles H. Rathbone, a son, was killed in an automobile accident in Florida last year.

Dr. Charles H. Ehrenfeld

Dr. Charles H. Ehrenfeld, for years professor of chemistry and physics at the York Collegiate Institute, York, Pa., and its president from 1916 to 1928, died in that city September 25 of a heart attack. He was seventy-three years old. Born in Shippensburg, Pa., Dr. Ehrenfeld was graduated from Wittenberg College, Springfield, O., in 1886 and joined the staff of the York institute the next year. From 1903 to 1916 he was chief chemist of the York Manufacturing Company, maker of refrigeration machinery. His wife was the former Bertha Spahr, of New York, and they had two children, Mrs. Lewis C. Spencer and Walter Spahr Ehrenfeld.

William Kelly

William Kelly, formerly president of the American Institute of Mining and Metallurgical Engineers, and active in engineering and mining for the last sixty years, died in Iron Mountain, Mich., October 1. He was eighty-three years old. Mr. Kelly received the degree of Engineer of Mines from Columbia University in 1877, and three years later was graduated from Yale University. At various times he was associated with the Chemical Copper Company, Phoenixville, Pa.; Himrod Furnace Company, Youngstown, O.; Kemble Coal & Iron Company, Riddlesburg, Pa.; Penn Iron Mining Company, Vulcan, Mich.; Glamor Iron Company, Lewiston, Pa.; and the Republic Iron Company of Michigan. He was an honorary member of the Institute of Mining Engineers of London and the National Institute of Social Sciences.

John D. Patterson

John Douglas Patterson, president of the Patterson Chemical Company, Philadelphia, died in his home in St. David's, Pa., Oct. 2. He was fifty-two years old. Born in Tremont, Pa., Mr. Patterson was graduated from the University of Pennsylvania. He became associated with E. I. duPont de Nemours & Co., and, previous to the entry of the United States into the World War, was general superintendent of the T.N.T. division of Canadian Explosives in Canada. When the United States entered the war, he served as T.N.T. expert in the United States. He had been president of the Patterson company since its founding in 1918. Surviving are his wife and one son.

Laurence Bodine, retired glass manufacturer, died in his home at Newtown Square, near Philadelphia, October 1. He was seventy-three years old. Following his graduation from the University of Pennsylvania, Mr. Bodine became associated with the Cohansey Glass Manufacturing Company, Bridgeton, N. J., and was president from 1898 to 1904. Later he became chairman of the American Window Glass Company, Pittsburgh, which he helped to organize. He was married in 1922 to Helen De Peyster Koues.

Robert H. Brown, superintendent for the Gulf Fertilizer Company, Tampa, Fla., died September 25. He was a native of Baltimore and went to Florida to engage in the contracting business, afterward joining the Gulf Fertilizer Company staff. He was a grand commander of the Knights Templar in Florida, and is survived by his wife, Mrs. Maude Melvin Brown, and a son, Robert H. Brown, jr., of Tallahassee.

Charles Herbert Packard, prominent retail druggist of Boston, died October 4. He was seventy-four years old. Mr. Packard was a former president of the American Pharmaceutical Association and of the Massachusetts Pharmaceutical Association and for many years was treasurer of the Boston Retail Druggists Association.

Frank Reid Ray, a lawyer with the Union Carbide & Carbon Corporation for seventeen years, died unexpectedly in his home in Larchmont, N. Y., October 5. He was forty-four years old. Mr. Ray was graduated from Duke University. During the World War he served for eighteen months in France. Surviving are his wife, and two daughters, Phoebe and Stephanie.

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N.W.D.A. Votes Aid in F.T.C. Control Efforts

(Continued from page 3)

Voted to continue its affiliation with the National Drug Trade Conference and the National Conference on Pharmaceutical Research.

Direction of Selling

Commended the work of the committee on salesmen and selling methods and urged that each house have a sales manager or, at least, one certain person who looks after salesmen and directs them and sees to it that they are supplied with proper sales material and information about all goods they are selling and that they push sales of merchandise which is sold on a basis which pays them a fair profit and which is economically sound and fair to the retailer and the consumer.

Recommended a careful study of the report of the committee on special lines, particularly those portions which deal with definite selling programs and adequate merchandising services to customers.

Commended the work of the committee on accounting and statistics, urged members to follow the committee's work closely; and approved of the procedure of operation under del credere factor plans as outlined in the association's bulletin No. 22.

F.T.C. Asks Cooperation

The Federal Trade Commission, through its chairman, William A. Ayers, invited the cooperation of wholesale druggists in its endeavors to curb the sharp practices of a small minority of men who are to be found in nearly every line of enterprise and who engage in unfair business methods. Mr. Ayers was unable to be present, because of illness, and his prepared remarks were read by J. L. Baker, of the commission.

Mr. Ayers outlined the work of the commission in regard to the Robinson-Patman law and in answer to charges of uncertain and ambiguous provisions in the act, stated:—

I do not contend that the act is without imperfections, but I do believe that any business man who desires and conscientiously endeavors to keep within its provisions will have little trouble in doing so. Its purpose and intent are clear. The sources of the complaints against it appear to warrant the conclusion that the difficulties confronting its critics lie not so much in ascertaining the meaning of and complying with the Act as in discovering loop-holes by which they can circumvent and avoid its application and resume enjoyment of unfair advantages which the Robinson-Patman Act made unlawful.

Stating that he wished to clear up any misunderstanding that may exist with respect to the attitude of the commission toward the Tydings-Miller amendment, Mr. Ayers said that its report to the President, which was subsequently made public, expressed no opinion with respect to the wisdom or unwisdom of the proposed legislation, as a matter of policy, but was its appraisal of the probable economic effect of the act and its opinion as to how it would affect the Federal antitrust law structure. He said that the commission regards the determination of legislative policies as a matter strictly within the scope of duty of the Congress and of the Chief Executive and that when the Tydings-Miller bill became law it became a part of the chart by which the commission must be guided in its work of aiding in the administration of the antitrust laws.

Mr. Ayers referred to the act as the "Tydings-Miller price-maintenance act" and expressed the hope that the State statutes would prove to be "fair trade laws" in fact as well as in name. He cautioned that the Sherman and Clayton acts are still in force and that horizontal agreements are still unlawful. He said that those responsible for legislation should constantly bear in mind that these results will be permanent only as long as producers and sellers charge reasonable prices for price-marked goods and are content with reasonable profits.

Mr. Ayers recovered sufficiently to appear at a later session at which time he reiterated the commission's invitation for co-operation and complimented the association on the caliber and ideals of its members, stating that, after visiting the convention he was all the more convinced that "95 percent or more of American businessmen are honest and want to do a fair and ethical business."

Patman Tells of Plans

Representative Wright Patman, of Texas, traced the legislative developments in behalf of the independent retailer during the past three years, and explained his new proposal to prohibit a corporation from engaging in retail distribution in more than one State. He declared that he had already prepared a bill which he is considering introducing at the next session of Congress to secure this objective.

This bill, he said, would affect mail-order houses on that part of their business conducted through retail outlets in more than one State. "The government is losing tens of millions of dollars a year being the delivery boy and advertising agent for mail order houses; this subsidy should be stopped, and this discrimination against local business removed," he added.

Congressman Patman urged that consumers wake up and protect a competitive system which fosters a community life built and sustained by home-making, home-loving, independent merchants instead of one "bled white and cold-bloodedly exploited by absentee owners."

President's Address

Leo A. Lanigan, Chicago, president of the association, delivered a constructive address to the convention Monday forenoon and then, because of a severe attack of neuritis, was forced to retire from most of the week's activities. Discussing the progress of price-stablization, Mr. Lanigan cited the business gains made by manufacturers who had set up del credere and consignment programs in advance of fair trade laws and stated that their experiences eloquently answer those who assert that the retailer can and will do nothing to help those who help him. He traced the passage of State fair trade laws and the Tydings-Miller act and urged that all factors in the industry pull together to make the laws operate beneficially to all.

He called attention to the disturbed labor conditions in various parts of the nation during the past year and stated that as labor costs rise, the burden of the wholesaler in maintaining the efficient type of service he renders is becoming more difficult, and he said that some reasonable solution of the problem of how to bear these rising costs must be found. He discussed other legislative matters, enforcement of the Robinson-Patman law, improved credit conditions, flood-relief work, and the work of the association's New York headquarters.

Other speakers at the convention included the following:—

John Albright, of the Wholesale Division of the United States Bureau of the Census, who spoke on "The Wholesaler's Place in Distribution as revealed by the Census of Business."

Prof. H. J. Ostlund, statisical director for the association, who spoke on "Preliminary 1937 Survey on Handling and Selling Costs of Wholesale Drug Distributors."

Dr. Edward L. Lloyd, chief of the Market Data Division of the United States Department of Commerce, who spoke on "Current Developments in Drug Distribution."

James M. Doran, executive director of the Distilled Spirits Institute, who spoke on "Problems Arising in the Distribution of Liquor."

W. F. Allen, counsel to the association, who spoke on "Fair Trade Acts and Some Questions Arising Under Them."

More Than 800 Attend

A total of 835 men and women attended the convention, the largest attendance in the history of the association. Tremendous interest was shown both in the session given over to a distribution clinic under the direction of Charles Doerr, and the informal sessions of manufacturers and wholesalers.

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C

The manufacturers, under the chairmanship of Walter Quinlan, Chicago, and the wholesalers under the leadership of Charles A. Loring, Boston, each held a session by themselves and then held a joint session Wednesday afternoon. The joint session, informal in nature and "off the record," was devoted to mutual problems arising under fair trade laws, and the frankness and sincerity of the various discussions made the meeting a real high spot in the week's sessions. The concensus was that it had contributed much toward a better understanding of the views of producer and distributor.

The discussion, lead by Mr. Loring and Mr. Quinlan, was joined by Jack Norton, St. Louis; Baret Moxley, Indianapolis; Representative Patman, and others. The only prepared address at the session was delivered by Milton Gair, Redlands, Cal., on the subject of fair trade. Mr. Gair's talk had been scheduled on the regular morning program but was deferred. Dr. E. L. Newcomb read at the informal session the sections of his secretary's report which touched upon stabilization.

The New Officers

The election for officers resulted in the unanimous choice of the following:—

President, J. Mahlon Buck, of Smith, Kline & French, Inc., Philadelphia.

Vice-president, Thomas O. Duff, Ben Richardson, Robert L. Trunk, A. J. Rocca, and Ray Shumacher.

Members of board of control for 1937-40 term, H. M. Folsom, George V. Doerr, and Joseph Bander.

Honorary president, B. B. Gilmer, Houston, Texas.

The association will return again to White Sulphur Springs for its 1938 meeting, which will be held during the week of September 25.

A detailed account of the 1937 convention will be published in a special section of next week's issue of the Reporter.

Kessler Appoints St. Louis Agent

W. W. Angus, sales manager for the Kessler Chemical Corporation, division of the American Distilling Company, reports the appointment of Harry G. Knapp as company representative in the St. Louis territory. Mr. Knapp's office is in the Railway Exchange building; telephone Central 6778. Local warehouse stocks will be carried by the company in St Louis.

McDonald to Speak At Badanes Dinner

James G. McDonald, former League of Nations High Commissioner for German Refugees, will be the principal speaker at the testimonial dinner which the drug and allied industries will tender to B. Harry Badanes, vice-president of McKesson & Robbins, Inc., October 21, in the Hotel Biltmore, this city.

The dinner, which will mark Mr. Badanes' thirty-fifth anniversary in the drug industry, is being sponsored by the Drug, Cosmetic and Allied Industries Division of the American Christian Committee and the Joint Distribution Committee, the two foremost American agencies aiding refugees from Germany. Joseph Bander, general chairman of the division, in telling of the engaging of Mr. McDonald as speaker, said:—

We are gratified that Mr. McDonald will be the principal speaker at the testimonial dinner to Harry Badanes. Mr. McDonald's letter of resignation as high commissioner after three years was the occasion of a historic document on the persecution of minority groups in Germany.

Mr. McDonald was responsible for the unification of the League of Nations program of care for refugees coming out of Germany. One of his first tasks was to create an advisory committee which unified the work of all refugee aid committees on a nonsectarian basis, and to establish in all the countries of Europe central organizations to supervise local refugee aid committees.

In his efforts in behalf of the German refugees the American Christian Committee and the Joint Distribution Committee gave him their most wholehearted support. The American Christian Committee for German Refugees is the American branch of the International Christian Committee, with headquarters in London. Its joint presidents are the Archbishop of Upsal, the Lord Bishop of Chichester, Bishop Iriney of Yugoslavia, and Pasteur Marc Bougner of Paris. Its aims are to emigrate and to settle Christian refugees in European lands and in South America and other overseas countries.

The Joint Distribution Committee has an outstanding record of relief and rehabilitation that dates since the World War. In the Germany emergency the committee has stood out as the authoritative and representative agency of the Jews of America in bringing aid and rehabilitation to the victims of persecution in Germany and in the lands of refuge.

Tickets for the Badanes dinner, says Ed Flynn, chairman of the committee, can be procured at $3 each from Joseph Bander, of McKesson & Robbins, Inc., 3670 Third avenue, this city.

Man-Made Molecules Appraised by Midgley

Speaking on "Man-Made Molecules" as the first lecturer in the Charles Frederick Chandler centennial memorials, Thomas Midgley, jr., asserted that these "new elemental units for environmental construction far transcend in possibilities the wildest dreams of alchemy." The confines inherent in a world of naturally occurring substances have been broken, leaving man's ability to apply new synthetic molecules to his environment as the only conceivable limitation, he added.

Mr. Midgley, who is vice-president of the Ethyl Gasoline Corporation and holds the Nichols, Perkin, and Longstreth medals for chemical discoveries including organic fluorides for safe mechanical refrigeration and tetraethyl lead as an antiknock agent in motor fuel, gave his lecture at a joint meeting of Columbia University and the New York section of the American Chemical Society. Columbia is the sponsor of the Chandler memorials; Mr. Midgley is chairman of the A. C. S. board of directors.

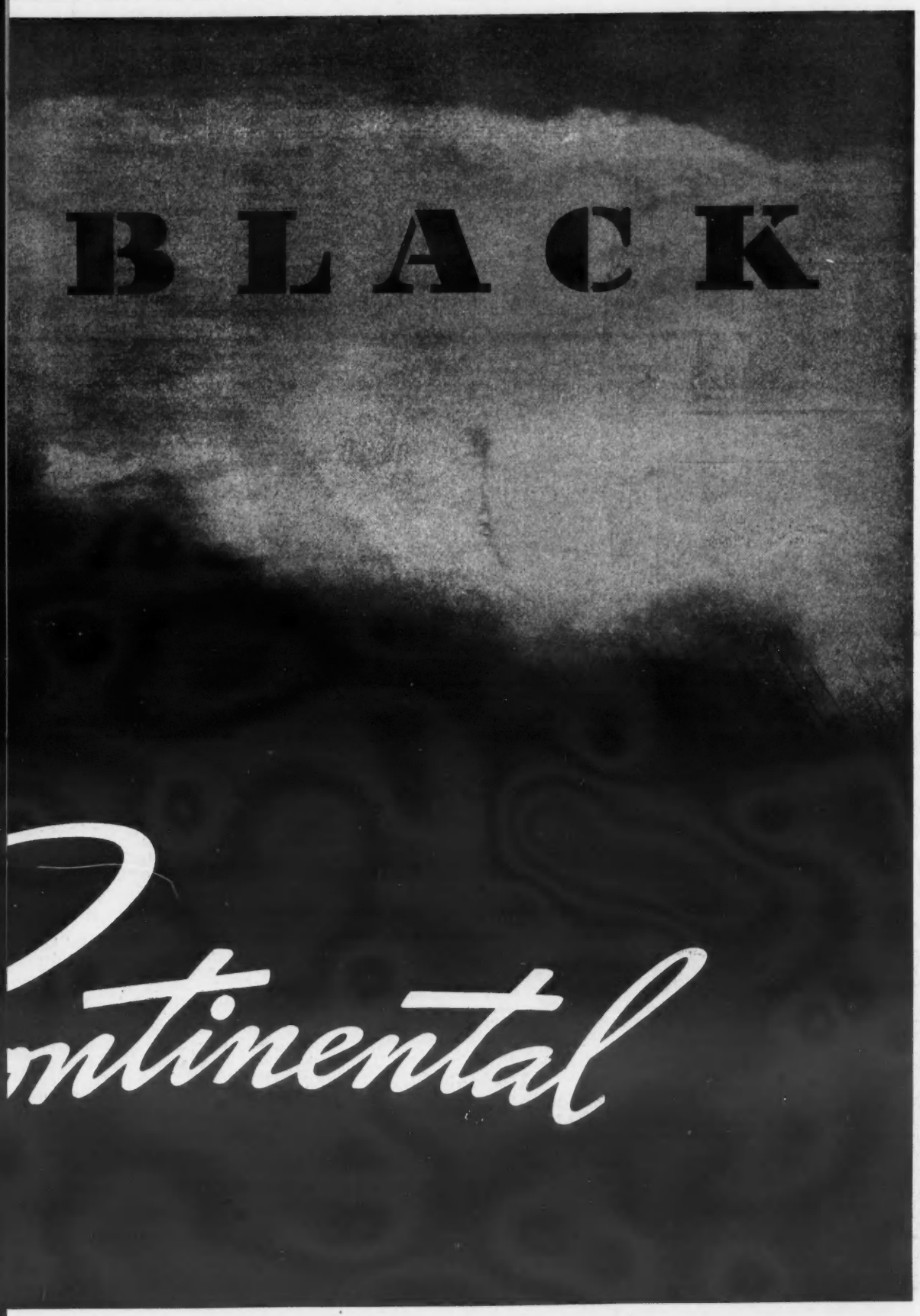
The lecturer developed his theme of man's creative achievements in the material realm, through contrasts of the chemical, mechanical and common physical equipment of the human race at the time of Professor Chandler's birth and today. Broadly illustrative of his message were the following statements:—

Man-made molecules, increasing constantly in number and usefulness, have created new industries, new demands for raw materials, and new opportunities for individual initiative to such an extent that today they are the very life blood of chemical industry. Well in excess of 100,000 employees work in the principal man-made molecule industries, involving fifty-three important synthetic molecules —twenty-five organic, ten inorganic, ten medicinal, and eight from the "pre-chemistry era."

In four of the many divisions of the chemical industry which are founded on man-made molecules we find in 1936 coal-tar dyes, employing some 15,000 men producing 120,000,000 pounds of material worth $62,000,000; synthetic resins, employing 12,000 men producing 100,000,000 pounds worth $50,000,000; nitrocellulose and cellulose acetate, employing 3,000 men producing 30,000,000 pounds worth $23,000,000 and the explosives industry—for peace time purposes only—employing 5,000 men producing 400,000,000 pounds worth $40,000,000. These four industries annually account for 50,000 employees, 650,000,000 pounds of products worth $175,000,000, without inclusion of intermediates, heavy chemicals, or raw materials.

Mr. Midgley described how organic fluorides—man-made molecules which have become "ideal refrigerants"—were discovered with the aid of the periodic table, and he showed a motion picture portraying the development of the use of tetraethyl lead in motor fuels.

Valentine & Co., this city, has appointed Arthur L. Clark manager of the aeronautical division of the company. Mr. Clark has had long experience in the technical and manufacturing end of the aviation industry. The company manufactures a full line of aviation materials both in this country and abroad.



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Myrobalans Advanced—Zinc Dust Prices Reflect Fractional Decline In Basic Metal Costs—Corn Derivatives Dull—Dyestuffs Quiet—Wattle Bark and Valonia Firm

Business in the market for dyestuffs and tanstuffs continued highly irregular during the week just closed. Manufacturing consumers were ordering out supplies only when needs became imperative. The relatively slow call failed to disturb the generally steady to firm price tone. Changes in the market included an advance in myrobalans and a decline in zinc dust.

The lowering of prices for zinc dust resulted directly from a decline in the basic metal prices. Demand for zinc dust continued good. There was little to report in bichomates, sellers report-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Myrobalans, $1 per ton.

Reduced

Zinc dust, ¼c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
155.2	155.2	155.2	152.5

Market news that may have developed after this report was sent to press will be found on page 4.

ing demand was highly irregular at times, but prices ruled firm. Business in corn derivatives continued along conservative lines. Prices for imported egg products continued strictly nominal. Supplies of imported egg products were small, the hostilities between China and Japan having hindered shipments. Indications were, according to cables last week, that there would be no Fall crop. Thus the next crop is in April, with shipments arriving here about June. Myrobalans were higher. Mangrove bark continued firm. Valonia beards and cups appeared firmly entrenched at the price levels of the previous period. Alumina chloride was slow.

Chemicals

Alumina Chloride.—Business continued quiet during the week just closed. Sellers reported prices were firm at the levels in effect previously.

Antimony Salt.—There was a slow demand in evidence for this product during the period under review. No change was disclosed in quotations.

Potash Bichromate.—Shipments were moving against contracts at a fair pace throughout the week. Indications were that manufacturing consumers were confining withdrawals to nearby needs. Prices ruled firm at the levels in force previously.

Potash Prussiate.—Demand was fair at times during the week for yellow prussiate throughout the week. No change was disclosed in prices. The call for red prussiate was highly irregular. Quotations were steady to firm.

Soda Bichromate.—There was a fairly good call throughout the week, quotations were firm. A conservative amount of business was on the books for delivery during the current quarter.

Zinc Dust.—Prices were ¼c. per lower, reflecting the decline in the basic metal.

Dyestuffs

Annatto.—Demand was dull in the market for paste and seed annatto, but the dull character of the call failed to have an influence on the price structure, a steady tone being in evidence.

Archil.—Shipments were few and far between, routine consumers were covering when needs were urgent. Prices were without change, a firm tone being in prominence.

Fustic.—This situation presented little change from recent weeks, the call was spotty. Prices ruled steady to firm.

Cochineal.—Business here was spotty again last week. Consumers were purchasing in jobbing quantities. Prices were firm at the levels in vogue previously.

Logwood.—This market experienced a fair demand throughout the week. Prices were firm.

Nutgalls.—This market continued to note a nominal price situation. Such a condition could be explained by the hostilities between China and Japan, bringing about great uncertainty regarding supplies.

Sizing Materials

Albumen.—The market for edible egg albumen continued to note a nominal price position. Cables from abroad stated there was little likelihood of a Fall crop, the result, therefore, being that the next crop will not be before April, with shipments of the April crop arriving here in June.

Dextrin.—Demand for corn derivatives continued at a fair pace throughout the week. No change was uncovered in quotations. The Agricultural Adjustment Administration announced that preliminary returns on a referendum held in the latter part of last month shows that more than three-fourths of the potato growers in three of the leading commercial late-potato areas favor marketing agreements and regulations covering the handling of potatoes. The fourth leading area, Maine, voted against the proposed program, with the largest majority for the plan being cast in the North Central area. To consider further problems concerning the marketing agreement program for the three areas and present potato marketing conditions, AAA officials are planning to meet in Chicago this week with representatives of growers and handlers.

Egg Yolk.—There was a slow call for the imported product; in fact, importers taking care of contract consumers only, the supplies from China having been interrupted by the hostilities with Japan. Prices were strictly nominal.

Starch.—Demand was fairly good. Prices were steady to firm. In Iowa the unseasonable warmth, with increased humidity and deficient sunshine, was unfavorable and corn dried slowly or not at all. Very little cribbing has been done, as the crop is too moist for storage. Corn matured satisfactorily in the Ohio Valley and progress of cutting varies from just begun to nearly finished—some husking has been done, but the crop is mostly too damp for cribbing in central parts. In Southern and Western parts of the corn belt gathering made rapid advance, with husking progressing—some is being cribbed in Kansas. In Northwestern sections shocking and silo filling are practically completed, but the cloudy, misty weather was unfavorable for corn in shock in Minnesota.

Tanning Materials

Gambier.—This market presented little variation from recent weeks, demand for common gambier being slow. Prices ruled nominally. The call for Singapore cubes and plantation gambier continued highly irregular. Prices were steady to firm.

Mangrove Bark.—Demand was spotty throughout the week. Prices were well maintained.

Myrobalans.—A slight advance was noted in J1 myrobalans, sellers were quoting $31 per ton, and J2 myrobalans were listed at $23 per ton.

Valonia.—Prices for beards continued firm at the higher levels established in the preceding period. Quotations for beards, as well as for cups, were unchanged.

Wattle Bark.—A firm tone was noted in this direction, demand was fairly good.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Paint, Varnish, Lacquer Materials

T.N. and Superfine Shellac Quotations Reduced—Turpentine Prices Steadier — Trade Continues Quiet — Natural Varnish Gums Strong — Lead Steady

The market for paint, varnish and lacquer chemicals dragged along without improvement. The usual Autumn bulge in paint materials sales has not been evident as yet and there is pessimism around the market again. The week's principal price development was a drop in T.N. and superfine shellac. Turpentine recovered slightly from the low mark reached a week ago when values were the lowest for many years back. The drop in shellac prices on spot was from competitive causes occasioned by dull trade.

The metals and derivative pigments escaped price shift during the week.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Rosin, 7½c. to 25c. per 280 lbs.
Shellac, T.N., superfine, ½c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
134.6	**134.6**	**134.6**	**131.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Lead oxides held evenly after having undergone reduction twice within as many weeks.

Natural varnish resins were perhaps the strongest items in the market at this time. Coupled with the price strength that has been growing as a result of the light supplies in the foreign supplying markets, the news of an increase of ten percent in freight rates from the Far East, to become effective on the first of the new year, was another bullish influence in the market.

Colors were spotty, but there have been no changes in quotations reported since the recent increase in the prices for tungstated colors.

Turpentine was steadier in primary markets last week although demand slackened after showing an increase following the recent break in prices. Changes in rosin quotations were generally rather narrow, the undertone of Southern markets being steady or firm. Domestic trade was fairly active. The export inquiry was reported as light. Receipts continued liberal.

A Department of Commerce report from Germany states that after considerable experimentation to determine the best colors of paint for use on machinery, it has been decided by the German Standards Committee to use a blue gray color for painting all types of stationary machines for factories. This color has been found most suitable for protection against dust and grease, besides it is most agreeable to the eyes of workmen engaged in factories.

Copies of the proposed revision of Federal specifications for red lead in dry form and in paste-in-oil, and, for ready-mixed outside black graphite paints are available from the Superintendent of Documents, Government Printing Office, Washington, at five cents each.

Metallic Lead and Zinc

Pig lead prices were unchanged in the domestic market last week, after having been reduced twice within the two preceding weeks. Quotations were 5.85c. per pound at East St. Louis and 6c. to 6.05c. per pound at New York. The market has been rather quiet since the recent reductions in price and buyers showed little interest in booking ahead. The London market was weak and broke sharply in mid-week. Stocks of refined and antimonial lead in the United States totaled 179,396 short tons on September 1, according to the American Bureau of Metal Statistics, compared to 187,654 tons August 1 and to 310,398 tons on September 1, 1936.

Zinc prices were lowered ¼c. per pound on Wednesday of last week. Prices were now 6¼c. per pound at East St. Louis or a full cent per pound below the market that prevailed ten days ago. A break in London prefaced last week's decline. September production of slab zinc was 50,027 short tons against 48,309 tons in August and 42,211 tons in September, according to the American Zinc Institute. Shipments were 47,737 tons against 50,643 tons in August and 51,775 in September last year. Stocks on hand at the end of the month were 13,517 tons, a gain of 2,290 tons over August, the first increase in stocks that has been registered since July of last year. Stocks at the end of September, 1936, were 76,482 tons.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from October 2 to October 8, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0600@.0605	$0.0585	.. .. ..
Monday	.0600@.0605	.0585	19 11 3
Tuesday	.0600@.0605	.0585	19 1 3
Wednesday	.0600@.0605	.0585	17 18 9
Thursday	.0600@.0605	.0585	18 0 0
Friday	.0600@.0605	.0585	17 17 6

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from October 2 to October 8, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0685	$0.0650	.. .. ..
Monday	.0685	.0650	19 11 3
Tuesday	.0685	.0650	18 7 6
Wednesday	.0660	.0625	17 16 3
Thursday	.0660	.0625	17 12 6
Friday	.0660	.0625	17 17 6

Pigments

Opaque pigments continued to move in spotty fashion and the usual activity of the market at this time of the year has not yet been evidenced. Lead products were still slow and the recent decreases in metallic lead prices made for further buying shyness. Lithopone deliveries were small-sized and not very frequent. Titanium pigments and zinc oxides contained no new features and the consuming demands were not very lively. There were no changes made in prices last week.

White Lead. — The price has not changed since the end of August and the market was not disturbed visably by the recent reductions in metal prices. Demands were small at this time, what with the major portion of the buyers having stocked up in advance of the white lead price increase six weeks ago.

Red Lead. — After having declined twice within as many weeks, the prices held without change last week. The schedule of quotations for car lot and l.c.l. quantities was that established September 27. There was not much consumer interest in the market last week.

Litharge. — In company with other lead oxides, the prices were held free from further disturbance last week. Prices were reduced ¼c. per pound during each of the two preceding weeks, but the metal market was without shift here and the derivative oxides were held unchanged.

Lithopone. — The local manufacturers reported a slow and dragging market for this time of the season. The deliveries against contracts were small-sized and did not have a very high rate of frequency. There were no direct reports from the Middle Western producing plants last week, but latest indications from that area also indicated slowness. Prices were unchanged.

Orange Mineral. — With lead prices unchanged, the position of American mineral remained unchanged also. Prior to last week, prices had been reduced ¼c. per pound in each of the two preceding weeks.

Titanium Pigments. — October busi-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

RED YELLOW **IRON OXIDES** BROWN BLACK
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

PEERLESS CLAY *For the* PAINT INDUSTRY
R. T. VANDERBILT CO., Inc.
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. . . Made to the specifications of many industries, including: Paint and Varnish, Printing Ink, Linoleum, Lubricating Oils and Greases, Paper, Wallpaper, Rubber, Waterproofing, Pharmaceutical, Cosmetic, Textile, Tanning, Insecticide and many others.
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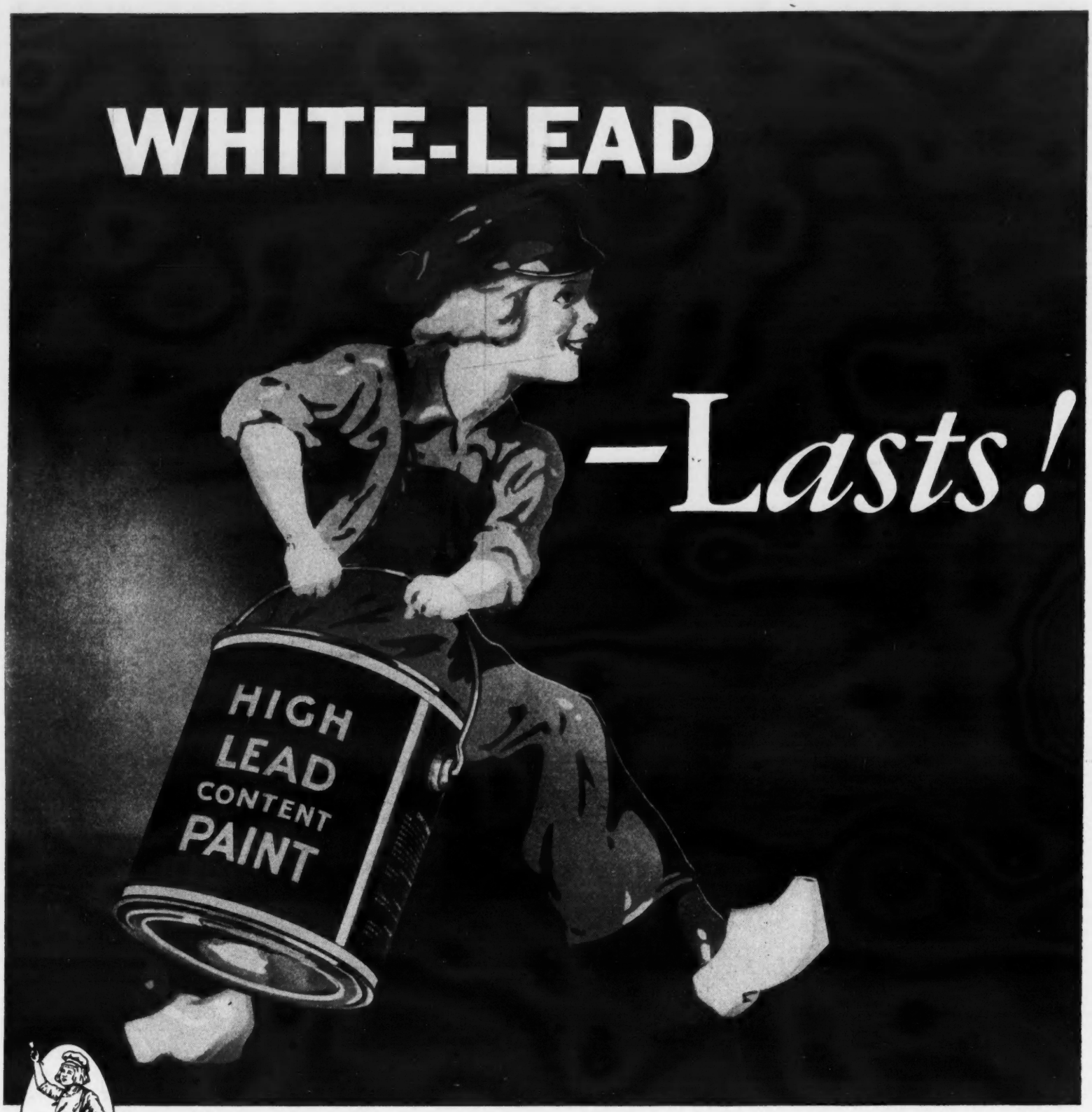
WHITE-LEAD -Lasts!



The surest way to maintain the demand for your paints is to make them enduring.

The more white-lead you use the better the paint...not only in lasting qualities but ease of spread and in coverage.

Throughout the paint industry National Lead Company white-lead pigments are favorably known for their high quality and uniformity.

In addition to the white-lead pigments listed below, National Lead Company is also a dependable source of supply for lead oxides —red-lead, litharge and orange mineral.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak Street, Buffalo; 900 West 18th Street, Chicago; 659 Freeman Avenue, Cincinnati; 1213 West Third Street, Cleveland; 722 Chestnut Street, St. Louis; 2240 24th Street, San Francisco; National-Boston Lead Co., 800 Albany Street, Boston; National Lead & Oil Co. of Penna., 316 Fourth Avenue, Pittsburgh; John T. Lewis & Bros. Co. Widener Building, Philadelphia

DRY WHITE-LEAD (Dutch or Carter process)

H. T. S. (High Tinting Strength) **WHITE-LEAD**

BASIC LEAD SULPHATE

ness to date has not shown much of an improvement over the trade of the preceding months. So far, the usual Fall bulge has not been evidenced to its usual degree. Prices continued unchanged. Although definite statistics covering the production of titanium pigments in Germany are not available, considerable expansion of output is indicated by the marked gains in imports of ilmenite into Germany from Norway. Definite figures showing the imports of ilmenite are not known, owing to the fact that the ore is included with other ores, but as Norway is the chief source of Germany's supply of ilmenite and other ores are not purchased from that country, it may be stated that practically all the importation under the classification represents ilmenite. Total imports of ilmenite into Germany during 1936 were 20,416 metric tons whereas the quantity imported for the first six months of 1937 was 13,465 metric tons. The latter figure compares with 6,706 metric tons imported for the corresponding period of 1936, according to the Department of Commerce.

Zinc Oxide.—The market has not shaken loose from the spottiness of recent weeks. Trade with the paint manufacturing industry has been light since the beginning of the Autumn and the rubber products manufacturers were also reported as having been light buyers. Prices continued in an even position.

Fillers and Extenders

Inert pigments, fillers and mineral whites were engulfed in the slowness of the general market for paint, varnish and lacquer chemicals. Fall trade to date has been quite disappointing to the sellers. There are some spots of activity but these are widely scattered.

Barytes.—There have been no changes in prices since the article was last reported. Some of the sellers reported a dull market. A Department of Commerce report on the barytes market in the Netherlands stated that barytes is not produced in the Netherlands, but considerable quantities of the product are consumed annually. In 1931 total imports of barytes into the Netherlands were 30,875 long tons. The following year imports were only 8,252 long tons. For the next three years the quantities imported were 14,589 in 1933, 14,967 in 1934 and 22,549 in 1935.

Pumice.—The market for the American ground and Italian ground materials was unchanged in price and the demand side was not more than mildly active.

Talc.—There has been no change in prices. Sellers of both imported and domestic grades reported a spotty sort of demand last week.

Dry Colors

The dry color market was in company with other divisions of the paint materials market in that trade continued spotty. The usual snap of trade around this time of the year was absent. Perhaps the market's best feature in the absence of liveliness was the stability of prices.

Carbon Black.—October production schedules in the tire industry call for an improvement over the September operations, but the calls for deliveries of black were still very mild. Black purchasing in the latter half of the year to date was considerably below that of the opening months of this year. Prices for standard grade blacks and specialty grades were unchanged.

Iron Oxides.—The demands of the market for both natural and synthetic oxides were mild at this time. There have been no price changes reported.

Toner Reds.—Prices for para, lithol and toluidin toners were in a firm position at levels that have been long standing. Lake C red toner was also unchanged in price. The ink makers were moderately active buyers.

Tungstated Colors.—The prices for these colors were advanced just prior to the turn of the month. The increase in prices resulted from the high cost of tungsten, which is imported from China.

Ultramarine.—The market has been steady for some time past. Sellers have been doing a fair business during recent weeks.

Varnish Gums

There were no advances in replacement market prices for natural resins, but the market continued to show strength. The light receipts of gum from interior points are reported from all of the Far Eastern gathering depots and coupled with this is the news that freight rates from the Far East will be increased 10 percent on the first of next year. Importers predict a strong market ahead.

Copals.—There have been no changes in prices for replacement since the sweeping advances in the Congo gums two weeks ago. However, the market is quite strong because of light supplies at the primary points. Some of the importers report that their suppliers abroad have been unable to make prompt shipment on some gradings, and ask anywhere up to 60 days' time for shipment.

Dammars.—Prices for gums in this group were also unchanged last week, but the market exhibited a good deal of potential strength. The advices from abroad were all strong in tone.

Synthetic Resins

Ester gum prices continued unchanged. The demands of the market were mild. The manufacturers of phenolics—both 100 percent and modified—have not advised of any change in prices.

Naval Stores

The turpentine situation was steadier last week. Price movements were rather narrow, but sentiment in Southern and local circles appeared to have undergone improvement as a result of an increase in buying interest following the recent sharp decline in primary centers. Offerings in Southern markets were reported as generally light, holders apparently being inclined, in not a few instances, to take a more optimistic view of the outlook for business and prices, especially as the indications seemed to point to a material increase in consumption in a chemical field in which gum turpentine did not figure to any important extent until the price declined to a point where this product could be profitably used Consumers in the paint industry were also reported to have contracted for considerable turpentine on the recent drop.

Rosin quotations had a downward trend at times, but changes in quotations on most grades were comparatively narrow and the prevailing tone in Southern markets was regarded as steady or firm. Purchases in Southern markets by soapers and paper makers were on a fair scale and moderate takings were also reported for account of consumers in other fields. The inquiry from Europe and the Far East was reported as quiet and takings by other foreign consuming countries were apparently unimportant. Clearances from Southern ports on contracts previously placed were comparatively light, and as the movement from the interior to primary points continued liberal there was some increase in stocks. The statistical position was still regarded as strong, however, especially in the case of rosin. stocks in the three principal markets at the opening of the current month being about 60,000 bales smaller than a year ago.

Turpentine. — A steadier tone developed in primary markets last week and this was reflected here although business remained quiet, many consumers and dealers still being disposed

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GREEN CHROME OXIDE PAINT FOR INDUSTRIAL PLANTS
PERMANENT COLOR. The oxide base of Cooper's Green Paint prevents it from darkening or fading.
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to limit their takings to small quantities to fill current or nearby requirements. Offerings in Southern markets were reported as light and in the opinion of some transactions there would have been larger than they were but for the reserved attitude of sellers. Weather conditions were generally favorable for production and marketing, and primary receipts continued liberal.

SAVANNAH, Oct. 8.—The turpentine market was quiet, with the tone steadier. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday	28	51	1,967	70	36,736
Monday	28	125	407	237	36,906
Tuesday	28½	64	413	388	36,931
Wednesday	28¾	114	294	50	37,175
Thursday	28¾	80	271	1,073	36,373
Friday	28¾	151	476	256	36,893

JACKSONVILLE, Oct. 8.—The turpentine market had a steady undertone. Offerings were light. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday	28¼	55	206	773	30,215
Monday	28	...	162	768	29,609
Tuesday	28	80	85	...	29,694
Wednesday	28	...	156	727	29,123
Thursday	28¼	77	72	1,427	27,768
Friday	28	...	46	...	28,224

PENSACOLA, Oct. 2.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	191	...	24,773
Tuesday	140	...	24,913
Wednesday	93	160	24,846
Thursday	98	...	24,944
Friday	155	...	25,099
Saturday	76	203	24,972

CHICAGO, Oct. 8.—Outlook for a moderate rate of consumption is reported in various quarters of the turpentine market. The current situation seems to be fairly steady, with no great amount of business being placed, in either wholesale or retail divisions. Ruling prices at the close of business last night were:—Five-drum lots, ... per gallon; five wood barrels, 46c.; single drums, 44c.; single barrels, 49c.

LONDON, Oct. 8.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	34	0
Monday	32	9
Tuesday	32	6
Wednesday	32	6
Thursday	32	6
Friday	32	6

Stocks of American turpentine in London were:—

	Oct. 8.	Previous week.	Last year.
Barrels	15,908	17,218	18,680

Rosin. — No broadening of business was noted in the local market. There were reports of some increase in the volume of inquiries from consumers and dealers, but purchases were apparently limited as a rule to unimportant quantities, many buyers being disinclined to anticipate. Changes in quotations on most grades were within rather narrow limits in the absence of wide price movements in Southern markets where the tone appeared to be steady or firm. Primary receipts were liberal, weather conditions being favorable in the main for marketing.

PENSACOLA, Oct. 2.—The rosin market was quiet. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	610	500	372	436	411	267
Shipments	80	580	50	100	...	...
Stocks	26,259	26,179	26,501	26,857	27,268	27,535

CHICAGO, Oct. 8.—Quietness prevails in the rosin market, with buyers not overly anxious to participate in the situation. Ruling prices at the close of business last night were:—B grade, $10.40 per lot of 280 pounds; G grade, $10.60; M grade, $10.62½; W. W. grade, $11.40.

SAVANNAH, Oct. 8.—Rosin quotations were irregular, changes generally being moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.40	$7.40	$7.40	$7.40	$7.40	$7.40
D	7.40	7.40	7.40	7.40	7.40	7.40
E	7.40	7.40	7.40	7.40	7.40	7.40
F	7.70	7.60	7.60	7.55	7.55	7.57½
G	7.70	7.60	7.60	7.55	7.57½	7.57½
H	7.70	7.60	7.60	7.55	7.57½	7.57½
I	7.70	7.60	7.60	7.55	7.57½	7.57½
K	7.70	7.60	7.60	7.55	7.57½	7.57½
M	7.70	7.60	7.62½	7.57½	7.60	7.60
N	7.75	7.60	7.62½	7.60	7.62½	7.62½
WG	8.05	7.85	7.85	7.85	7.85	7.85
WW	8.55	8.40	8.40	8.40	8.40	8.40
X	8.55	8.40	8.40	8.40	8.40	8.40

	Barrels Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
Sales	534	784	685	456	444	493
Receipts	1,967	1,424	1,339	1,061	793	1,519
Shipments	40	320	3,044	108	383	1,247
Stocks	72,649	73,753	72,048	73,001	73,411	73,563

JACKSONVILLE, Oct. 8.—Rosin offerings were moderate and the market had a steady tone. Following is a record of the market for the week:—

B	$7.40	$7.40	$7.40	$7.40	$7.40	$7.40
D	7.40	7.50	7.50	7.40	7.40	7.40
E	7.40	7.50	7.50	7.40	7.40	7.40
F	7.70	7.65	7.60	7.55	7.55	7.50
G	7.70	7.65	7.60	7.55	7.55	7.50
H	7.70	7.65	7.60	7.55	7.55	7.50
I	7.70	7.65	7.60	7.55	7.55	7.55
K	7.70	7.65	7.60	7.57½	7.57½	7.57½
M	7.70	7.72½	7.62½	7.57½	7.60	7.60
N	7.70	7.72½	7.62½	7.60	7.60	7.62½
WG	7.85	7.95	7.80	7.85	7.85	7.90
WW	8.50	8.50	8.40	8.40	8.40	8.40
X	8.50	8.50	8.40	8.40	8.40	8.40

	Barrels					
Sales	75	884	364	341	242	325
Receipts	652	718	391	480	350	780
Shipments	...	146	...	86	...	300
Stocks	39,417	39,989	40,380	40,724	41,074	41,557

LONDON, Oct. 8.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	19	6	21	6
Monday	19	6	21	6
Tuesday	19	6	21	6
Wednesday	19	6	21	6
Thursday	19	6	21	6
Friday	19	6	21	6

Pine Oil. — Quotations were maintained at previous levels by producers, and the tone appeared to be firm. Production continued to move steadily into consuming channels on contracts and transient orders.

Pitch. — A steady tone continued to prevail, quotations for spot material generally being held at the levels ruling in the previous week. Business was fairly active.

Rosin Oil. — The local situation lacked new features of interest, prices remaining about where they stood in the previous period, with the tone of the market steady. Business was of a conservative character.

Tar. — Prices were held at former levels by local interests, the tone of the market being steady. There was a fairly active demand from local and other consumers.

Shellac

Prices on T.N., and superfine shellac were ½c. lower with the local dealers in shellac, T.N. on spot was quoted 12c. to 12½c. per pound and superfine stood at 13c. to 13½c. The usual differentials applied on prices at Chicago and on the Pacific Coast. No change in quotations on bonedry were openly made, but demand was sufficiently poor to make probable a keen competition and shading of prices should a large order appear. Such orders were lacking last week, exactly as they have been absent for a considerable length of time. Calcutta and London prices changed within fractional limits, but the shifts in values meant little or nothing. Trading in the October future ended on October 4 and the next day the March position opened. The differential between December and March was one and a half to two shillings the hundredweight.

Calcutta, Oct. 8.—Calcutta quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows:—

	Per pound— Oct. 8.	Oct. 1.
October	10⅛c.	10⅛c.

Quotations in cents per pound were subject to shading in accordance with the rate of exchange prevailing on London.

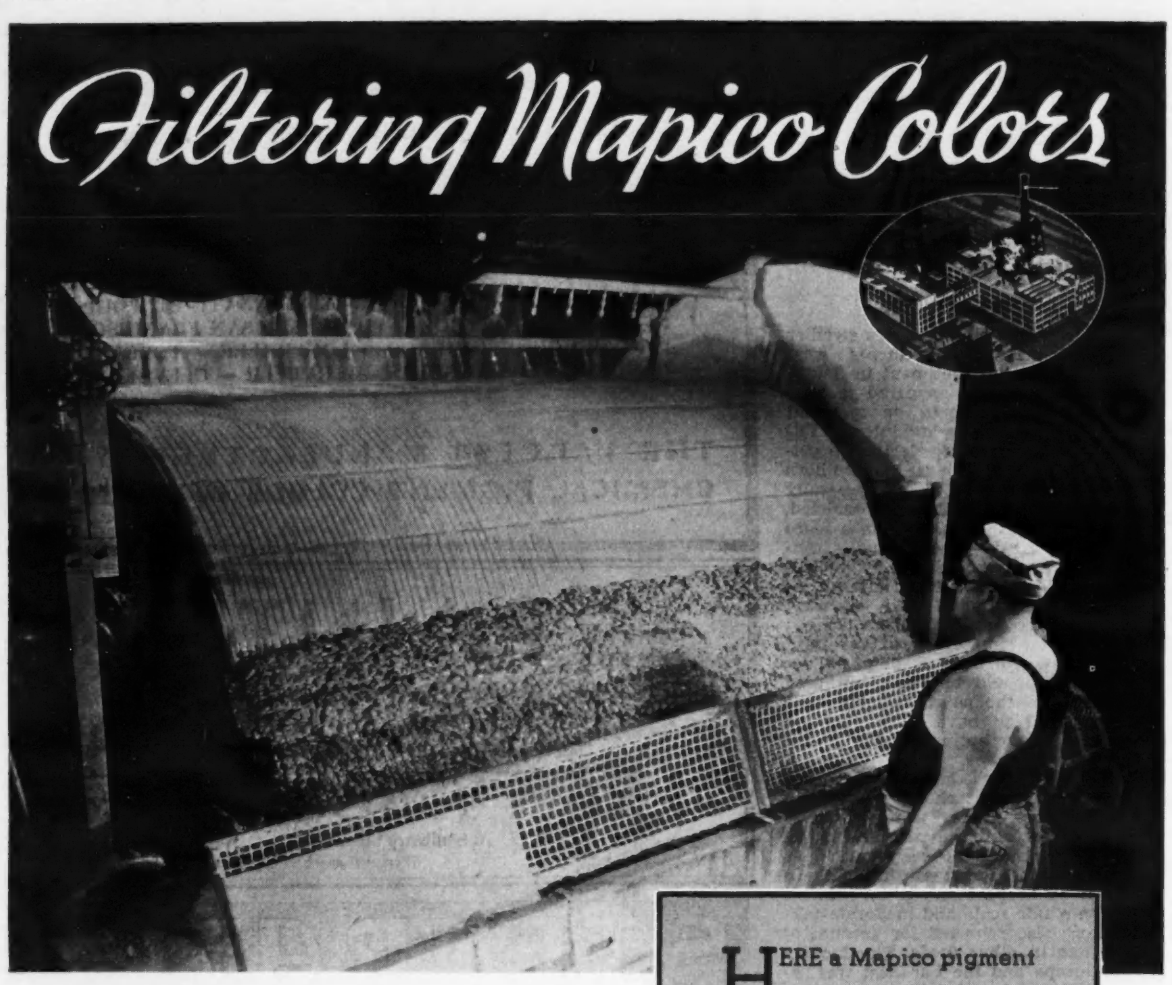
Day-to-day prices were as follows:—

	Per pound.
October 1	10⅛c
October 2	10⅛c
October 4	10¼c
October 5	10¼c
October 6	10⅛c
October 7	10¼c
October 8	10⅛c.

London, Oct. 8.—London prices quoted on pure T. N., c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	October 8— Shillings. Cwt.	Cents. lb.	October 1— Shillings. Cwt.	Cents. lb.
October	..	..	44½	9.7
December	45	9.8	45½	9.9
March	47	10.2	..	..

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7



Rough iron shapes now have been changed into soft, colorful Oxides of Iron.

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HERE a Mapico pigment is being filtered on a great, modern filter—a soft, extremely fine crystalline mass of iron oxide. Cooking and converting have left none of the original appearance of solid iron. But in every particle in this mass, soon to be dried and pulverized, those characteristics exist of permanence, uniformity and strength on which the fame of Mapico Colors is based.

MAPICO

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DIVISION OF COLUMBIAN CARBON COMPANY
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Distributors
41 East 42nd Street New York, N. Y.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight		
	October.	December.	March.
October 1.....	44s 6d	45s 6d	... ..
October 2.....	45s ..	46s ..	... ..
October 4.....	45s ..	46s ..	... ..
October 5.....	... ..	46s ..	47s 6d
October 6.....	... ..	46s ..	48s ..
October 7.....	... ..	46s ..	47s 6d
October 8.....	... ..	45s ..	47s ..

Lacquer Materials

Business in the market for lacquer materials continued irregular during the week. Manufacturing consumers continued to order out supplies for actual production requirements. However, the general price tone was steady to firm. Acetone demand continued fair. Prices for butyl alcohol were firm. Reports from the automobile industry were to the effect that manufacturers were getting into production on 1938 models, with estimates still hovering around the 5,000,000 mark for 1937. However, it was evident that manufacturers were going to test the market well before getting into heavy production. Film scrap was firm. Tricresyl phosphate continued to move out in good volume.

Acetone.—Demand was fair throughout the week. Prices were steady to firm at the levels in force previously.

Butyl Alcohol.—Shipments were moving out at a fair pace throughout the week, quotations remained in a firm position.

Dibutyl Phthalate.—Shipments continued along conservative lines. Prices were well maintained.

Ethyl Acetate.—Business was highly irregular during the week; prices were firm.

Film Scrap.—A fair demand was reported here. Quotations ruled firm.

Tricresyl Phosphate.—A firm tone continued here. Demand was good.

Driers

As reported here a week ago, the recent drop in the price of stearic acid came too late to be taken into consideration for contracts for the final quarter of the year. Furthermore, the manufacturers have stocks of higher-priced acid to work off before considering lower selling prices. The demand against the contracts that were taken for the final quarter of the year has been light.

Glues and Binders

Casein.—Some of the sellers were leaning toward a higher market, but there were others offering at unchanged prices to a quiet and unresponsive market. Car lots of 20-30 mesh were available at 13c. per pound, while similar quantities of the 80-100 mesh were priced at 13½c. per pound. Argentine material is not in the picture here as yet.

Glues.—Some of the manufacturers of hide glues restored the price levels that were quoted several weeks ago. The advances were made on the first of the month by those that had lowered their quotations some time ago. Trade in hide and bone glues continued slow.

N. P. V. L. A. Issues Its Convention Program

(Continued from page 5)

Address:—(Subject and speaker to be announced later).
Final report of nominating committee, J. E. Ingram, chairman.

The committee has completed the following slate to be acted upon:—For vice-president, Val Wurtele, Minnesota Linseed Oil Paint Company, Minneapolis; treasurer, Charles J. Roh, Murphy Varnish Company, Newark, N. J.; zone vice-presidents, New England, Renshaw Smith, jr., Wadsworth-Howland Company, Boston; Eastern, H. R. Hillman, Eagle Paint & Varnish Works, Brooklyn, N. Y.; Central, Milton K. Pine, the Muralo Company, Chicago; Southern, V. P. Warren, the Warren Company, Atlanta; Western, J. Langdon Root, W. P. Fuller & Co., San Francisco; divisional vice-president representing wholesale division, W. B. Elwang, Sanders Bros. Company, Richmond, Va. Executive Committee—E. A. Foy, jr., the Foy Paint Company, Cincinnati; Howard Kellogg, Spencer Kellogg & Sons, Buffalo; Benjamin Patterson, Patterson-Sargent Company, Cleveland; J. Vincent Reardon Company, St. Louis; O. N. Seidlitz, Seidlitz Paint & Varnish Company, Kansas City; Harold Webster, Pratt & Lambert, Buffalo.

There is no nomination for president this year on account of the president having been elected at last year's convention for a three-year term.
Election and installation of officers and members of the executive committee.
Unfinished business.
New business.
Adjournment.

Entertainment Program

Wednesday, October 27

2 p. m.

Ladies' Tea and Entertainment, Pavillon Caprice. An hour in the realm of the psychic; sketching by artists of the Cincinnati Academy of Arts; music and tea.

9:30 p. m.

"A Night in Hawaii," Pavillon Caprice. A surprise party with unusual features. Ladies are requested to wear all white; gentlemen tropical wear, light colored or white trousers, white shirts, black ties.

Thursday, October 28

12:30 p. m.

Ladies luncheon and bridge.
Luncheon in Continentale dining room.
Bridge in Parlors A-B-C-D; beautiful table prizes will be furnished.

7:30 p. m.

Banquet.
Following the banquet dancing has been arranged for in the Night Club.
All entertainment functions are to be held in the Netherland-Plaza Hotel.
Auto trips, which do not conflict with entertainment functions, can be arranged at the registration desk for ladies and their escorts on Wednesday, Thursday and Friday mornings to points of interest in and about Cincinnati.

D. H. Litter Company, held a sales convention at the Chemists Club, this city, October 1 and 2, at which were present the entire sales force and laboratory technicians of the Philadelphia, Boston, and New York offices.

New England Paint Club Elects Morton President

After a full afternoon of golf, a steak dinner with Hawaiian music accompaniment and attended by more than eighty members, the Paint and Oil Club of New England got down to the serious business of its fifty-third annual meeting, September 23, and elected the following officers:—

President, Eugene E. Morton; vice-president, J. Ralph Stout; secretary-treasurer, William G. McIntyre; and directors, Renshaw Smith, jr., Donald C. Burnham, George K. Stout, George A. Coleman, George U. Baylies, John G. Legg, and Albert S. Fuller.

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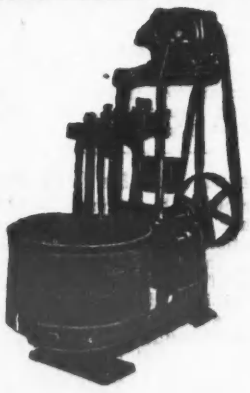
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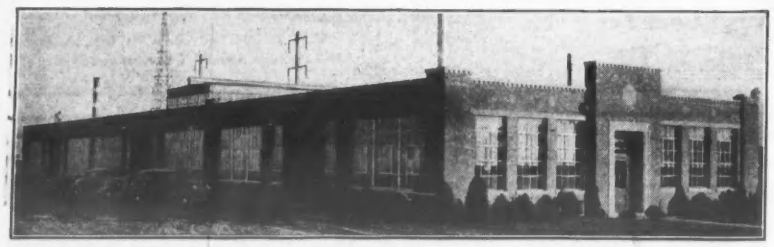
Bopf-Whittam Corporation In Its New Plant

The Bopf-Whittam Corporation, wool fat products, has just moved into its newly-constructed plant in Linden, N. J., opposite the big assembly plant of the General Motors Corporation. The plant, pictured herewith, is on a two-acre tract, is of brick and steel, fireproof, and modern in every particular. It was constructed under the direction of Arthur P. Bopf, president of the corporation, and its operation will be under his personal supervision.

Mr. Bopf, born in Elizabeth, N. J., has had more than forty years' experience in research and development of wool greases; has developed an exclusive process for the refining of wool grease into lanolin, and is an authority on wool grease and its by-products. He was for nineteen years in the employ of one of the Standard Oil subsidiaries, specializing in wool greases, and also was employed for ten years by Alden S. Swan & Co., this city, as secretary and plant manager, specializing in wool greases and vegetable oils of a wide variety.



In 1914, the Bopf-Whittam Corporation, then known as the B & W Company, was formed by Mr. Bopf and Henry Whittam, who were the first producers of lanolin in the United States. The business expanded continually, until today the company is one of the largest of its kind in the country. The Bopf-Whittam lanolin is completely controlled in all its operations, and each batch when finished complies strictly with all tests of the U. S. Pharmacopeia; the company always has maintained a laboratory especially equipped for the thorough analysis of wool greases and lanolin, and the new factory will carry out this policy to its fullest degree.

The new plant's manufacturing department has been equipped with all-automatic electrically driven apparatus, and a modern ventilation system provides a fresh change of air throughout the plant every six minutes. There is an individual receiving department, and also a shipping department, as well as a general office, private office and laboratory. The manufacturing, shipping and receiving departments are heated with an automatic oil burner located in an individual engine and bolier room in which there is also installed a gas-heating automatic system serving the general and private offices and laboratory.

The shipping department has been equipped with automatic Toledo scales for the weighing of finished material, and to one side of the shipping department a ramp roadway has been built to provide for the loading of trucks from a platform on an even level with the floor of the shipping department, which eliminates the use of skids or rolling up of drums onto trucks. All doors on both sides and rear of the building are easily accessible for trucks and the rear and west side doors are likewise easily accessible for the receiving and shipping of railroad freight. The plant has more than 1,000 feet of railroad siding to facilitate the receiving and shipments of products. All of the most modern conveniences have been provided for the workmen, including hot and cold showers. Officers may readily contact with the manufacturing department by telephone. The entire building is protected by sprinkler system. The building has been constructed without leaders or gutters, as the roof pitches to the center to six outlets connected to the street system.

The front of the building is of variegated colored face brick, with limestone over the windows and doorway, limestone trim, and limestone coping along the entire front of the building. Lawn and shrubbery have been planted, making the general picture one of attractiveness and beauty.

Abbott Laboratories, Inc., reports the formation of a wholly owned subsidiary, Abbott Laboratorios Do Brasil, S. A.

Malmstrom Lanolin Is Placed With Thompson-Haywood Co.

N. I. Malmstrom Company, of Brooklyn, producer of "Nimco" lanolin and wool greases, is now being represented in Chicago, Minneapolis, and Kansas City by the Thompson-Haywood Chemical Company.

Stocks of "Nimco" lanolin and Malmstrom wool greases will be carried in all three cities by the Thompson-Haywood Chemical Company; in Chicago, at 1838 West Thirty-eight street; in Minneapolis, at 909 Second street, South; in Kansas City, at Twenty-ninth street and Southwest boulevard.

Mr. Malmstrom is now on an extended tour of Europe and will return at the end of this month.

Joseph Mathias Will Rest

The recent sale of the assets of James B. Horner & Co. to the Orbis Products Corporation takes from the essential oil trade in this city its oldest merchant and one of its most beloved men—Joseph Mathias. For most of his fifty-nine years with the house of Horner, Mr. Mathias guided the business, building wide goodwill among buyers and making enduring friendships among competitors. He learned the essential oil business the hard way, under a hard, but four-square master—Major Horner. It had been Mr. Mathias's desire that the enterprise to which he gave all his business life should be perpetuated and he is particularly gratified that Charles Fitzsimmons, a friend of years' standing, will allow him to realize his desire. His host of friends wish him Godspeed and all good things, as he now begins to enjoy a well-earned liberty. It is his intention to do a spell of real resting.

Oils, Fats and Waxes

Perilla Oil in Light Supply and Higher—Copra and Coconut Oil Stronger—Moderate Changes in Cottonseed Oil Futures —Stearic Acid Steady—Trade Generally Quiet

The market for miscellaneous oils, fats and greases continued quiet last week. A fair inquiry was noted in some quarters for certain edible and technical products which are usually in demand at this season, but taking the list as a whole, purchasing was limited to small quantities, the movement of such lots for the week apparently being lighter than in the previous period as developments in political affairs at home and abroad were of a kind to make consumers cautious. The prevailing tone was steady, however, as spot supplies of not a few commodities appeared to be small, while foreign products also seemed to be rather scarce in some cases in primary centers abroad.

Coconut oil was a firm feature of the list of vegetable products, prices being advanced owing to the strength of copra. Perilla oil was firmer, sales being reported at fractionally higher prices. Chinawood oil was quiet on spot, consumers being disinclined to meet the views of the holders of the limited supplies, while business in futures remained at a standstill in the absence of offerings. Cash lard weakened in company with futures in Chicago where the market was under pressure at times despite a heavy decrease in stocks during the past month. Receipts of hogs continued moderate. Lard, neatsfoot, oleo and tallow oils were unchanged. Stearic acid and red oil were steady at the recent decline. Refined fish oil selling schedules were maintained at previous levels. Unfavorable reports continued to be heard concerning menhaden fishing. Tallow offerings were light and the market was steady.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Coconut oil, ¼c. to ½c. per lb.
Copra, ½c. per lb.
Rapeseed oil, blown, ¼c. per lb.
Stearin, ¼c. per lb.

Reduced

Grease, ½c. to ¼c. per lb.
Lard, 25c. to 50c. per 100 lbs.
Peanut oil, crude, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
132.6	132.6	131.9	136.2

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu. — The market was quiet owing to a shortage of oil and raw material. Previous quotations were repeated, the figures being nominal.

Chinawood. — Domestic markets remained in a nominal position. There was no change in the situation abroad so far as market and shipping conditions were concerned, and business in futures here and on the Coast remained at a standstill. There was little doing in spot oil locally. Supplies were said to be available among resellers at from 23c. to 25c. per pound in tankcars, but consumers manifested little interest in the spot market at these prices. Consumption was said to be holding up well, as large users acquired ample supplies before hostilities in China cut off shipments from that country.

Coconut.—A firmer tone developed in local and Pacific Coast markets last week as a result of the strength of copra, the trend of the latter product still being upward early in the period, though there was a setback later on. At one time crude oil in tankcars was advanced by local interests to 4⅞c. per pound, November-December delivery, but later this quotation was shaded to 4¾c., which compared with 4⅝c. at the close of the previous week. Aside from the forwarding of supplies on contracts previously placed there was little in the way of activity to record so far as the market here was concerned, though there were reports of fair transactions at some outside points. Crude oil was stronger, the tankcar price being advanced by refiners to 10¼c. per pound, an increase of ½c. Copra was reported to have sold at 2.90c. per pound, Coast basis.

Corn.—The market for crude oil appeared to have a steadier tone, although reports were current at one time of shading by resellers. Offerings were generally light, however, on spot and for future delivery. There was a fairly active demand for refined oil and the market retained a steady tone.

Cottonseed.—Edible oil was steady, quotations being maintained by refiners at the levels prevailing in the previous week. Business lacked snap, but there was a fair demand for moderate quantities. Imported oil remained quiet and nominal.

Oiticica.—The market was quiet. Spot supplies are small and there was no increase in offerings of futures. Quotations were nominal.

Olive.—Foots met with a somewhat better inquiry, though consumers manifested little interest in futures. There was a fair inquiry for denatured oil. Offerings were reported as light and the market had a steady tone.

Palm.—Quiet conditions prevailed. Inquiries were not lacking, but importers were not in a position to offer to any extent, some sellers being out of the market for the time being. Quotations were nominal.

Perilla.—The market had a firmer tone. Spot supplies generally appeared to be light, some importers not being in a position to offer for immediate delivery, and replacement costs remained high. Some business was reported to have been closed at 13½c. per pound in tankcars.

Rapeseed.—Denatured oil was quiet, but with supplies small the market retained a firm tone. Blown oil was stronger, sales being reported at 13¾c. per pound in drums.

Markets at Other Centers

San Francisco, Oct. 6.—The market for vegetable oils was fairly active. The prevailing tone was firm.

Ruling prices are:—

COCONUT.—The market advanced last week, although the turnover was nothing much beyond routine. Quoted for future positions at from 4½c. to 4 9/16c. per pound, f.o.b. tankcars, Pacific Coast ports and/or mills. Nearby and prompt shipment oil from the Pacific Coast quoted at 4 11/16c.

COPRA.—Cables indicated that European interests were quite active in the markets at producing centers, and this tended to keep the situation well in the hands of the sellers. Meantime, arrivals here against old contracts continued good. Quoted at 2.80c. per pound, c.i.f. Pacific Coast ports.

CHINAWOOD.—Spot oil is quoted on the basis of 22½c. per pound in tankcars, f.o.b. Pacific Coast, with drums registering 1c. higher. Small supplies are occasionally available for shipment out of Hongkong.

COTTONSEED.—Foreign suppliers are unable to offer in this market, owing to the low prevailing prices of the domestic article and the more favorable prices in other world markets.

PERILLA.—Crude perilla oil is quoted on the basis of 13c. per pound, tankcars, f.o.b. Pacific Coast ports for either spot or future delivery. Drums, 1c. higher.

SESAME.—Crude sesame oil is quoted in a strictly nominal position at 8½c. per pound in tankcars; 9¾c. per pound in drums, f.o.b. Pacific Coast mills, if and when available, with most sources of supply unable to offer.

TEASEED.—Importers here are quoting on the basis of 9¼c. per pound in tankcars, f.o.b. Pacific Coast ports, October/November shipment from the Orient.

Chicago, Oct. 8.—The vegetable oil market has been rather quiet here recently. Coconut has been taken in fair quantities, but the orders involve prompt shipment in most cases. Corn oil is watched by buyers, without much new activity. Chinawood oil continues largely on a nominal basis. Soybean is perhaps a shade easier. Peanut is just about holding its own.

COCONUT.—Crude oil, 4⅝c. to 4¾c. per pound, prompt shipment; deferred, 4½c. to 4⅝c., Coast basis.

CORN.—Crude, low acid, 6½c. to 6¾c. per pound. partly nominal. Refined,

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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edible oil, 10¼c. to 10½c. per pound, car lots; and 10¾c. to 11c., drums, less than car lots.

PEANUT.—Crude, 6¼c. to 6½c. per pound, Southeast.

Chicago, Oct. 8.—Range of soybeans for the week ended October 6:—No. 2, yellow, spot, 98c. to 98½c.

Linseed Oil

Changes in flaxseed quotations were generally moderate. Linseed oil and meal steady. Cake firmer.

Flaxseed—DULUTH, Oct. 8.—Good demand this week for cash flaxseed. There was some selling of futures on rains in Argentina. Crushers bought on weak spots.

The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$2.23	$2.05	$2.05
Monday	2.24	2.06	2.06
Tuesday	2.23	2.05½	2.06
Wednesday	2.21	2.05½	2.06
Thursday	2.19	2.03	2.04
Friday	2.17½	2.01	2.02

MINNEAPOLIS, Oct. 8.—Demand for local cash flaxseed offers slowed down some during the past week and premiums are not as strong as they were. Receipts have been moderate, but crushers have been able to accumulate somewhat of a reserve and therefore are not contesting as severely for the present run of offers. However, there is a good demand for any desirable northern seed and daily arrivals are cleaned up promptly. Some of the intermediate quality is easing off compared with the best.

Virtually 90 percent of the current movement originates in the Red River Valley of North Dakota and is satisfactory in quality. Some is wet from recent rains and some is not running quite as high in iodine. Altogether the picture has changed a little of late and because of some full bins to draw on the crusher buyers are less hysterical than they were.

Mills are still operating at a good pace so much of the newly arriving seed is going into consumption promptly. In the past four days public and private elevator stocks gained 80,000 bushels in total. None of the delivery flax has been moved out as yet.

Southern Minnesota farmers still have a fairly liberal supply of flax left but at the moment they are not satisfied with prices and are holding. Some of the seed left on storage tickets in North Dakota has been liquidated by the holders because of the nervousness over market conditions.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$2.23	$2.10	$2.10½
Monday	2.24	2.11	2.12
Tuesday	2.23	2.10	2.12
Wednesday	2.21	2.08	2.10
Thursday	2.19	2.06	2.08
Friday	2.16½	2.04½	2.06½

Crop movement in bushels as follows:—

	Receipts—		Shipments—	
	1937.	1936.	1937.	1936.
This week	225,000	69,000	36,880	34,960
Since Sept. 1	2,093,870	231,000	115,050	226,480

WINNIPEG, Oct. 8.—The market for flaxseed futures continued quiet and the inquiry for cash seed was also slow. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.77½	$1.78	$1.77¾
Monday	1.77¾	1.77¾	1.77¾
Tuesday	1.77½	1.77½	1.77¾
Wednesday	1.78½	1.78½	1.78⅞
Thursday	1.74¼	1.74¼	1.74¼
Friday	1.74½	1.74½	1.74½

BUENOS AIRES, Oct. 8.—Opening prices per bushel on November contracts were:—

	Last week.	Last year.
Saturday	$1.35⅛	$1.19¼
Monday	1.35⅛	1.19¼
Tuesday	1.35⅜	1.18⅜
Wednesday	1.35⅜	1.17⅛
Thursday	1.37⅛	1.17
Friday	1.35⅜	1.17

Exports

To—	Last week.	Previous week.	Last year.
	Bushels—		
United States	327,000	571,000	638,000
United Kingdom	4,000	4,000	4,000
Continent	799,000	417,000	331,000
Orders	16,000	154,000	476,000
Others	.....	31,000	98,000
Totals	1,146,000	1,177,000	1,547,000

Since January 1

To—	This year.	Last year.
	Bushels—	
United States	21,259,000	10,366,000
United Kingdom	504,000	843,000
Continent	17,976,000	23,030,000
Orders	14,884,000	10,738,000
Others	4,884,000	2,408,000
Totals	59,507,000	47,385,000

Visible Supply

	Bushels.
Last week	3,346,000
Previous week	3,543,000
Last year	5,118,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Last week.	Previous week.	Last year.
	Bushels—		
United Kingdom	560,000	356,000	648,000
Continent	12,000	.....	.....
Others	.....	.....	96,000
Totals	572,000	356,000	744,000

Since April 1—	This year.	Last year.
	Bushels—	
United Kingdom	5,332,000	6,428,000
Continent	244,000	732,000
Others	820,000	328,000
Totals	6,396,000	7,488,000

HULL, Oct. 8.—Quotations on flaxseed were:—

	La Plata.	Bombay.
	Per ton—	
Saturday	£13⅝	£16⅛
Monday	13⅝	16⅛
Tuesday	13⅝	16⅛
Wednesday	13⅝	16⅛
Thursday	13⅝	16
Friday	13⅝	16

Linseed Oil.—The market was quiet so far as new business was concerned. The movement into consuming channels on unfilled contracts apparently held up well but there was little doing in the way of new business, such transactions as were noted being limited to small quantities. The trend of flaxseed prices in domestic centers was downward at times, but the Buenos Aires market displayed a steady or firm tone and local linseed oil prices were maintained at former levels, 10.4c. per pound being the prevailing quotation for tankcars.

The production at local mills was moving out in sufficient volume to prevent any accumulation of supplies. Shipments from mills at outside points also appeared to be holding up well and the indications seemed to point to a continuation of a rather liberal movement into consuming channels during the remainder of the current month if not for a longer period.

Demand for cash flaxseed in northwestern markets was reported as good and cash premiums over futures were substantial, although not as wide as recently. Receipts at terminal points in the northwest were moderate and the quality was said to be satisfactory. Reports concerning the extent of unsold supplies in the hands of farmers were conflicting. Crop accounts from Argentina were generally favorable, but in the opinion of some the indications point to a considerable decrease in the exportable surplus in that country as compared with the previous season.

Receipts of flaxseed at New York last week were 346,530 bushels.

There was no trading in linseed oil futures on the New York Produce Exchange from October 2 to October 8, inclusive. Following is a price record for the week:—

	High.	Low.	Close.
	Cents per pound in tanks—		
January	...	...	9.80@10.00
March	...	...	9.80@10.00

MINNEAPOLIS, Oct. 8.—Demand for oil is fairly steady but not quite as good as it was a week ago. Argentine news is of such character that consumers are not out of the domestic market for any length of time despite contracts they have already written. Open orders on crusher books are liberal, although they have been shipping freely on old and maturing contracts. During the past week small to round lots were worked for shipments up to the end of next April. Tendency of the buyers has been toward making deals for deferred delivery on account of the Argentine news.

Shipping instructions continue very good on the average and crushers have a supply ahead of them to work on. Stocks are accumulating very slowly because of the ready outlet for fresh make. About 75 percent of the presses are in operation and no change in volume is indicated for the near future.

Quotations on carload lots, f.o.b. Minneapolis, cooperage, 11c. per pound; tankcar lots, 10.4c. per pound; warehouse lots, 11.4c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	1,440,030	364,468
Since Sept. 1	10,536,776	4,577,401

CHICAGO, Oct. 8.—Linseed oil is quiet, but quite firm. Ruling prices of representative sellers are:—Tankcar, 10.4c. per pound; car lots, 11c.; less than car lots, 11.4c.

SAN FRANCISCO, Oct. 6.—For the first time in many months the linseed oil situation was such last week that the posted price for tankcars in this market was the actual base figure at which oil was sold, the spread having gradually narrowed down to a point where sellers were refusing bids below their offering quotations. Quoted:—Tankcars, 10.6c. per pound; drum car lots, ex mill, 11.2c.; drum lots, ex warehouse, 11.6c.

LONDON, Oct. 8.—Quotations on linseed oil were:—

	s.	d.
	Per cwt.—	
Saturday	29	10½
Monday	29	10½
Tuesday	29	10½
Wednesday	29	10½
Thursday	29	10½
Friday	29	10½

Cake and Meal.—The export inquiry for cake continued good and the market was firmer, sales being reported at an advance of 50c. per ton. Late in the week offerings were limited and quotations appeared to be mainly nominal. Domestic trade in meal was quiet with prices steady.

MINNEAPOLIS, Oct. 8.—Trade in meal is steady and offers are well absorbed. Mills have plenty of shipping instructions on file and their output is moving promptly. From a trading standpoint the situation is the best in many years. In addition to the current output the consuming trade continues to absorb old stocks quite freely.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $32 to $32.50 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	4,952,520	1,409,405
Since Sept. 1	27,691,686	5,529,948

CHICAGO, Oct. 8.—Business in linseed meal has been of a routine nature, with prices mixed, but tending to hold their own rather well. Ruling prices are:—Round lots, $32.50 per ton, largely nominal; car lots, $32.50 to $33; less than car lots, $34.50 to $35.

Cottonseed Oil

Changes in refined cottonseed oil futures were moderate. Trading was fairly active. Southern markets generally steady. Crop news favorable.

Cottonseed Oil. — The market for refined cottonseed oil futures was fairly active last week. Much of the trading was apparently of a professional character, but outside public participation in the operations was also noted, with commission houses on both sides of the market. Fluctuations in prices were frequent, the changes generally being within moderate limits. Early in the week the tone was somewhat firmer as offerings were light while local and other traders bought on firmness in lard. Later on that commodity developed a downward trend, however, and cottonseed oil prices gave with offerings somewhat freer, especially as the market for securities declined sharply and developments in political affairs were of a disturbing nature.

Selling was not of a very aggressive character, however, owing to uncertainty concerning the monthly government reports on cotton and cottonseed oil. On weak spots early sellers covered and there was more or less new buying by commission houses and local traders. Hedge selling was noted at times, but pressure from this source was not as pronounced as some had expected. There was a disposition in some quarters to increase estimates of the cotton crop. A report published by a local business newspaper based on replies from correspondents in the South, put the indicated crop as of October 1, at 17,250,000 bales. This compared with an estimate of 16,457,000 bales a month ago, 15,721,000 bales two months ago, and with a production of 12,399,000 bales last year.

Predictions were heard that the monthly cottonseed report from the Census Bureau would make a bullish showing as to the consumption of refined oil during the past month, some estimates being as high as 400,000 barrels. In August the consumption was 316,781 barrels, while in September, last year, it was 251,906 barrels. Southern markets for crude oil were generally steady. Considerable oil was reported to have been sold at 6c. in the Valley and the Southeast, and at 5⅞c. in the Southwest. Receipts of hogs at some points showed an increase though the movement was not heavy. Arrivals in the principal western centers for four days of the week aggregated 192,100 head against 208,000 head in the same time last year. The weight of the hogs received at Chicago during the week ended October 2 averaged 251 pounds against 262 pounds in the previous week.

Stocks of lard in Chicago decreased 36,471,000 pounds during September, against a decrease of only 2,643,374 pounds in the same month last year. Supplies there at the close of the month were 49,739,118 pounds against 62,701,769 pounds at the same time last year. Seed prices were generally steady but there were reports of offerings in some sections at concessions of $2 per ton as compared with the previous week. Vegetable products which compete with cottonseed oil were generally steady.

The weekly government report stated that in Texas picking and ginning of cotton made rapid advance, the work being nearly completed in most districts. In Oklahoma picking and ginning made good advance under favorable weather conditions. In central states gathering

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

• OILS •
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
SPOT FUTURE
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29 Broadway New York, N.Y.

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BETA CAROTENE XANTHOPHYLL
ALL GRADES AVAILABLE
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TALLOW
LARD OIL
NEATSFOOT OIL
ANIMAL STEARINE
ACIDLESS TALLOW OIL
INDEPENDENT MFG. CO.
Bridesburg P. O. Philadelphia, Pa.

of cotton is nearing completion in many sections.

Trading in bleachable prime summer yellow cottonseed oil futures on the New York Produce Exchange from October 2 to October 8, inclusive, comprised 1,397 contracts, a total of 83,820,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.41	6.95	6.95 sale
March	7.46	6.98	6.99 sale
May	7.55	7.06	7.04@7.05
October	7.40	7.15	7.06 bid
December	7.36	6.93	6.94 sale

Crude, Southeast, 5.87½c. Nom.

Chicago, Oct. 8.—Easiness in cottonseed oil has reappeared to some extent in keeping with general unsettlement in commodity markets. Buying is moderate and not very confident. Good, off-Summer, yellow fig oil is quoted at 7½c. per pound. Refined, edible oil is 9½c. to 9¾c. per pound, barrels, car lots; and 9¾c. to 10c., barrels, less than car lots.

Hull, Oct. 8.—Quotations on cottonseed oil were:—

	Refined, Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	24	0	21	0
Monday	24	0	21	0
Tuesday	24	0	21	0
Wednesday	24	0	21	0
Thursday	24	0	21	0
Friday	24	0	21	0

Cake and Meal. — A generally steady tone was reported in Southern markets. There were reports of a good inquiry in some sections from domestic and foreign buyers. Offerings were reported as light, some of the mills having sold considerable of their output ahead.

Markets at Other Centers

Atlanta, Oct. 7.—Cottonseed products continue weak under the pressure of a heavy crop and rapid ginning. Persistent and heavy rains throughout the cotton belt make apparent that more damp seed are to come on the market and that there will be more off-colored meal to supplement that which has already accumulated.

Quotations of this market are as follows:—

OIL.—Prime crude, 57⅛c. per pound.

MEAL.—7 percent grade, $18 to $20 per ton, interior mills.

HULLS.—Loose, $6 per ton.

SEED.—$18 per ton, interior shipping points.

Memphis, Oct. 8.—Crude cottonseed oil in this section was quieter during the week. Early in the period 6⅛c. was paid, but later some sales were made at 6c. Mills are apparently well sold against seed receipts and offerings are now light. Cottonseed meal in good demand from domestic buyers. Consumption is increasing at present levels. Today 41 percent meal quoted at $21.50 per ton, Memphis basis, prompt shipment. Slab cake, 41 percent, $18.50 to $19 per ton, Valley basis, October-November shipment. Hulls, $2.50 to $3 per ton at mill points. Weather continues favorable for gathering the crop.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	September 30.	October 7.
October	$20.65@—	$20.50@—
December	20.40@—	19.85@—
January	20.30@20.40	19.75@20.00
March	20.65@20.80	20.00@—

Animal Oils

Degras. — The market retained a firm tone. There were reports of a somewhat better inquiry from local and other consumers. Spot stocks were reported as light or moderate and there was apparently no increase in offerings from abroad.

Lard. — Selling schedules were maintained at previous levels by producers, and the tone of the market appeared to be steady. Business lacked snap, but there was a fair inquiry for moderate quantities of the different grades.

Neatsfoot. — There was little change in the character of business, consumers generally being disposed to adhere to a conservative course in making purchases. Quotations were unchanged.

Oleo. — Stocks continued to be reported as abnormally light and the market remained firm, quotations still being largely nominal. There was a fair inquiry.

Markets at Other Centers

Chicago, Oct. 8.—Buyers of animal oils are continuing to take modest amounts of material along the lines of routine needs.

LARD.—No. 1, 11c. to 11¼c. per pound.

OLEO.—No. 2, 12c. to 12¼c. per pound.

TALLOW.—Acidless, 9¼c. to 9½c. per pound, tanks; 10¾c. to 11c., drums.

Fish Oils

Menhaden. — Quotations on refined oil were generally maintained at the levels prevailing in the previous week, the tone of the market apparently being steady. Business continued along conservative lines, many consumers being disinclined to purchase in advance of immediate or nearby requirements. There was little change in the character of accounts concerning fishing operations, the production of oil still being reported as light.

Sardine. — There were reports of a somewhat better inquiry for refined oil, but actual transactions were apparently limited to unimportant quantities to fill the current needs of consumers. The market was steady. Crude oil was steady on the Pacific Coast, sales being reported at 35½c. to 36c. per gallon in tankcars.

Whale. — Refined oil quotations were unchanged, the tone of the market being steady. There were reports of a fair inquiry for comparatively small or moderate quantities for prompt shipment. According to a consular report from Victoria, the catch of British Columbia whalers for the 1937 season was 317 whales, compared with 376 in the previous season. A London report stated that the situation abroad is causing considerable concern, as the agreement entered into earlier in the year among various countries regarding whaling operations during the season which opens at the end of November, has not been fully ratified. Japan, which was not a party to the agreement, is sending out four expeditions to the Antarctic.

Markets at Other Centers

San Francisco, Oct. 6.—Although there was a substantial improvement in fishing conditions for California sardines during the last few days of September, this factor was alternately growing both hot and cold during the last day or two, when boats were not finding schools of sardines in satisfactory quantities on some days and on others fairly large catches were produced.

The market seemed to move in a parallel line with production operations, shifting first a half a cent downwards, and then, as fishing became light, turned up again. Sales were recorded in this market and also in Monterey during the period under review on a quantity something like 75 or 80 tankcars at prices ranging from 35½c. to 36c. per gallon. The latter figure appears to be the prevailing level today, as last night the fishing boats came out of the fishing grounds and into the bays with light catches again.

While predictions were made by the California Fish & Game Commission that production to the end of September would show the industry running only 30 percent of last year, better catches the last week of that month actually brought the total up to about 48 percent, a check of figures revealed today. Final compilations for shore plant fish tonnage for the season, to the end of September, are expected to show about 40,500 tons of raw sardines turned in, against 83,732 tons for a like period last year. This, of course, does not take into consideration floating reduction plant operations, although it is expected they are sharing a like percentage in their production operations.

The season is practically over in the Northwest. Fishing boats are deserting Washington, Oregon and British Columbia waters, where rough weather is present and the season in Southeastern Alaska terminated on September 30.

Next scene of activity on the Pacific Coast will be Southern California, where production is expected to get under way on November 1, when the season legally opens there.

Baltimore, Oct. 6.—Production of menhaden fish oil in the lower Chesapeake Bay and outside of the Virginia Capes continues disappointing. Not only are the hauls limited, but the fish are for the most part thin, yielding little oil. This is contrary to the experiences of the past, when menhaden toward the later season gained in fatness and yielded maximum quantities of oil. Under the existing circumstances the factories on the lower bay face the probability that they will be unable to fill all of the orders booked early in the season, so that no good purpose can be served by entering into further commitments. So far, the fishing companies are back in their deliveries to a considerable extent, and it looks as if they would be short at the end of activities. The quotations mentioned are still around 35c. per gallon. In view of the unproductiveness of the fleet operations, it is not considered likely that lower prices will be accepted. The quotations on refined oil continue at 54c. to 56c. per gallon for white pressed, 56c. to 58c. per gallon for yellow bleached, and 58c. to 60c. per gallon for white bleached.

Fats and Greases

Grease. — The market was rather quiet, inquiries generally being limited to comparatively small or moderate quantities. The tone was easy, quotations being shaded ⅛c. to ¼c. per pound with the figures apparently nominal.

Lard. — Cash prices had a downward trend at times, the easier tone being a reflection of the course of futures in Chicago where speculative sentiment appeared to be more bearish than recently despite a further heavy decrease in stocks there. Domestic trade was quiet and there was no improvement of consequence in the export inquiry. Stocks of lard in Chicago decreased about 36,500,000 pounds during September. Receipts of hogs were moderate last week.

Stearin. — Quotations were ¼c. to ½c. per pound higher with offerings reported as light. There was a fair inquiry.

Tallow. — There were reports of a somewhat better inquiry from local and other buyers following the recent decline, but actual business was apparently limited to comparatively small quantities, large interests being inclined to hold off for further developments in the situation. Offerings were generally light and the market had a fairly steady tone. The last business reported was at 7⅜c. per pound for extra delivered.

Trading in tallow futures on the New York Produce Exchange from October 2 to October 8, inclusive, comprised one contract, a total of 60,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	...	...	6.80@7.00
December	7.00	7.00	6.85@7.00

Markets at Other Centers

Chicago, Oct. 8.—Trade in cash lard has been irregular. Some reports have indicated betterment. Shipping trade has been of fair extent.

The range of lard quotations from the opening Saturday, October 2, to the close Friday, October 8, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$11.25	$11.25	$10.30	$10.30	$11.15
Dec.	10.90	11.02	9.92	9.92	10.82
Jan.	10.70	10.80	9.75	9.75	10.70

TALLOWS (tierces).—Edible, 7½c. to 7⅝c. per pound; prime, 7c. to 7¼c.; fancy, 6¾c. to 7c.; special, 6¼c. to 6½c.; No. 1, 6⅛c. to 6¼c.

GREASES (tierces).—Choice white, 8¼c. to 8½c. per pound; A white, 6⅝c. to 6¾c.; B white, 6⅜c. to 6½c.; yellow, 10-16, 5⅞c. to 6c.; yellow, 16-20, 5⅝c. to 5¾c.; brown, 5⅛c. to 5¼c.

STEARINS (barrels).—Prime oleo, barrels, 8½c. to 8¾c. per pound; lard, packages, 12¾c. to 13c.; A white grease, 7½c. to 7⅝c.; yellow grease, 6¼c. to 6½c.; extra oleo stocks, 12¼c. to 12½c.; No. 2 stocks, 11½c. to 12c.

Liverpool, Oct. 8.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	Oct. s.	d.	Nov. s.	d.	Jan. s.	d.
Saturday	67	0	59	0	59	0	56	9
Monday	67	0	59	6	59	0	57	0
Tuesday	67	0	58	6	58	6	55	9
Wednesday	66	0	56	9	56	9	55	0
Thursday	66	0	57	6	57	6	55	6
Friday	65	6	57	3	57	0	55	9

Liverpool, Oct. 8.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	32	6	23	3
Monday	32	6	23	3
Tuesday	32	6	23	3
Wednesday	32	6	23	3
Thursday	32	6	23	3
Friday	32	6	23	3

Fatty Acids

Red Oil. — A steady tone prevailed, quotations being held at the reduction announced in the previous week. There was apparently no broadening of trade, many consumers still being disposed to adhere to a conservative course in making purchases.

Stearic Acid.—There were no further developments in the way of price changes, selling schedules remaining where they stood at the close of the previous week. Business lacked snap, but there was a fairly active demand from local and other consumers.

Markets at Other Centers

Chicago, Oct. 8.—The fatty acids market is just about marking time. While there is a disposition on the part of the buyers of all such commodities to hold off insofar as possible, in line with the general distrust of future commodity market values, still sellers are not inclined to make much concession at this time from recently prevailing levels.

FATTY ACIDS.—Corn oil, double distilled, 7½c. to 7¾c. per gallon, tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; coconut oil, acidulated, 8c. to 8¼c. per gallon, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per gallon, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3c. to 3¼c.; boiled down soap stock, 65 percent basis, 4c. to 4¼c.; cottonseed foots, 50 percent basis, 1⅜c. to 1⅝c.

Waxes

Bees. — The market was very firm based on cost of raw material and lack of signs of weakness in the primary markets of the world. Locally, consumption was not exceptionally large, but there was still a fair sized call from day to day that was added strength to an already well supported market. Chilean exports during the first half of 1937 total exports of beeswax from Chile were 204,700 kilos as compared with 337,800 kilos for the entire year 1936. Germany was the largest purchaser, taking approximately 67 percent of the total shipments in 1936, followed by the United States with 22 percent and Great Britain with 10 percent.

Candelilla.—Demand was slow. Manufacturing consumers' needs were not large nor did signs point to an early improvement in that aspect of the market. Consumption at this time of the year would ordinarily be expected to gain, but the market has been subnormally active for some time past. Prices were easy but lacking in change.

Carnauba. — Very little shifting in spot or primary market prices took place last week. The markets here and in Brazil were quiet affairs. Manufacturing consumers still appeared to be carrying stocks sufficiently large to meet their needs and hence they were little interested in offerings made them during the week under review. That state of affairs has prevailed for several weeks at a time when, in the normal course of events, sales should have been active. How long this state of affairs can last was an unanswered question, but the importers were watching the situation closely. Some felt that buyers might overstay their market.

Japan. — The market was steady, but not especially active during the past week. Trading was within narrow bounds most of the time and still prices held well. The shipment of further quantities from Japan was uncertain as no position could be guaranteed and purchases were to be made only on the basis of shipment being subject to changing conditions in the primary market.

Venereal Preventives Will Be Scrutinized

WASHINGTON, Oct. 4, 1937.

A general notice to manufacturers and dealers in venereal disease preventives, warning them that such products should bear adequate directions for use and unambiguous preventive claims, was issued today by W. G. Campbell, chief of the Food and Drug Administration of the Department of Agriculture.

Soybean Cake Duty Raise Sought

WASHINGTON, Oct. 5, 1937.

An increase in the duty on soybean oilcake and soybean oilcake meal is sought by the National Soybean Processors' Association, Chicago, which has asked the United States Tariff Commission to conduct an investigation into the comparative foreign and domestic costs of producing these articles with the view of recommending to the President that the duty be increased under the flexible provisions of the tariff act of 1930. At present soybean oilcake and meal are dutiable at 3/10 of a cent per pound under paragraph 730 of the 1930 tariff act.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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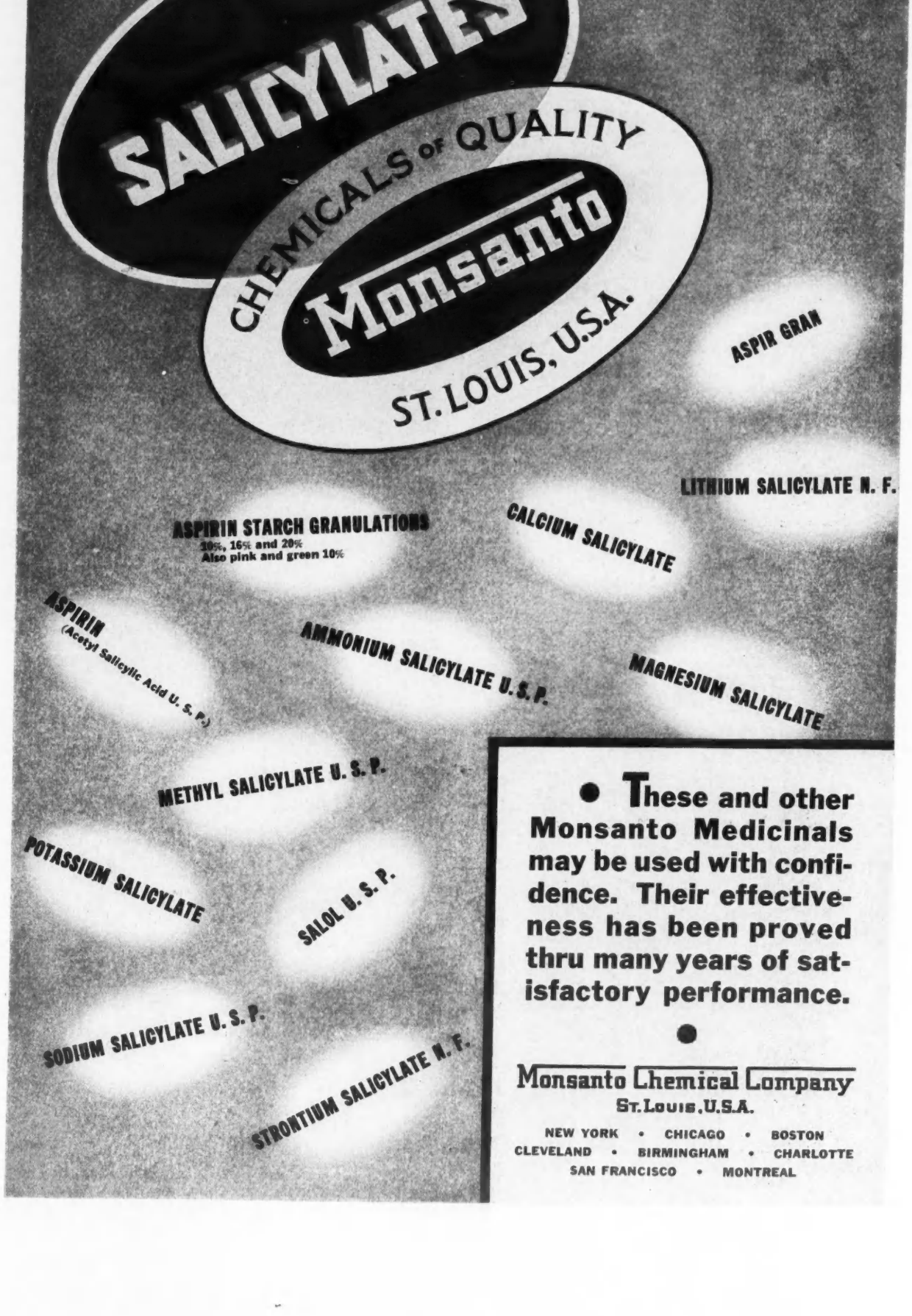
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Drugs, Fine Chemicals

Codliver Oil More Active and Higher—Quicksilver Dull and Lower—Seasonal Materials Move Well—Methanol Output Ahead of Last Year—Ephedrine Scarce

Except for a fair amount of business in items seasonal at this period of the year, the market for drugs and fine chemicals in general was a comparatively quiet affair last week. Price activity was at low ebb. Codliver oil and camphor were up slightly, while quicksilver was cheaper. Outside of these changes, the market lacked new developments. Values appeared to be generally well stabilized.

Aloin, ephedrine, and podophyllin were exceptionally firm articles. Production cost of aloin and podophyllin tended upward in keeping with the advancing cost of raw material. Ephedrine was all but unobtainable and prices were entirely nominal when quoted at all. Here again it was raw material that was behind the market strength and in this item it was highly uncertain that shipments of ephedra from China would be resumed at any early date.

Seasonal interest was shown in acetylsalicylic acid, codeine and morphine, citrated caffeine, strychnine acetate, codliver oil, menthol, theobromine sodiosalicylate, terpin hydrate, ammonia chloride, and certain of the bromides. All were firmly held.

Lower prices on quicksilver were indicative of more competition in a quiet consuming market. Mercurials lacked quotable change. Alcohol attracted attention when a national association took under advisement a proposal to request the Department of Justice to investigate prices, contracts, and sales policy of the manufacturers. Sales for antifreeze purposes were excellent, as also was the movement of methanol.

Acetanilide. — Business was very fair. Seasonal absorption of U.S.P. goods was in line with the normal improvement in most years. Movement of technical goods to manufacturers was well up to that in the recent past. The market was active and firm.

Acid Citric. — Business was quiet. Buyers' needs were down to seasonal figures and the market as a whole was active only within conservative limits. Competition seemed to be quite active, but prices failed to yield further in favor of buyers.

Acid Tartaric. — Trading was routine. Actual consuming requirements of the beverage trade have decreased somewhat and stocks held by that sort of manufacturer were sufficient for their current requirements. Industrial users of the article took normal quantities. Prices for raw materials held abroad. So did they on spot. Total exports of crude tartar and tartaric acid from Italy in 1937 and 1936 were reported as follows:—

	—Metric quintals—	
	1937.	1936.
Tartaric acid	15,548	20,886
Argols	80,113	46,679
Wine lees	1,163	5
Totals	96,824	67,570

Agar. — Trading was steadily maintained at recent volume on the spot. On the whole, the market was fairly competitive, but in view of the uncertainty concerning to what extent Japanese war activity in China may affect production of this item, sellers were inclined toward caution.

Alcohol. — Movement of completely denatured alcohol was very good. Seasonal gains in shipments were satisfactory and it was clear that an ample supply would be available to meet probable requirements of the active months in Winter. Prices appeared to be well stabilized notwithstanding the slightly lower prices at which blackstrap molasses has been obtainable of late. Information was noted to the effect that a national association would consider filing with the Department of Justice a request that that body investigate what was termed uniformity of prices, contracts, and sales policies of the alcohol producers. The basis of the request seemed to be the present ruling of the Treasury Department that shipments of denatured alcohol in tankcars can be only for the purpose of remanufacturing or to commission agents of the distillers. Tankcar sales require written authorization by the Alcohol Tax Unit.

Aloin.—No further rise in prices on this item was reported last week but the raw material was stronger to higher according to seller. Hence, the market was very firm, especially in view of good demand prevailing.

Bismuth Metal and Salts.—Raw material costs held very firm and yet the prices on salts were declared to be unsatisfactory, being too low to permit warranted profits to the makers. Competition seemed to be too active to permit what was said to be a warranted increase.

Cadmium Metal and Derivatives.—Metal was oversold in most instances. At least, sellers had production well engaged ahead and hence no open market prevailed. Derived materials were firm and in very good request.

Caffeine.—The situation as concerned supplies of raw material were worse, if anything. Until a decision is reached in China, a return of a free, normal, and unfettered purchase of tea sweepings is unlikely. Prices for alkaloid and other forms of caffeine were firm.

Camphor.—Broader movement was reported. The call for natural camphor was very good at somewhat higher prices, tablets standing at 60c. to 61c. per pound, and powdered or slabs being priced at 55c. to 56c. Synthetic was routine in request but the movement was steady and normal.

Castor Oil.—Markets of fairly substantial activity were reported. There was a firm undertone to affairs and values were well maintained in all quarters.

CHICAGO, Oct. 7.—The castor oil market holds steady, with buying along seasonal lines being reported. Buyers are interested mostly in limited lots of material. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Chloroform.—Business was somewhat quiet. Consumption of the technical variety of this article was somewhat restricted; at least, reordering of the item by the principal users was conservative. Trade in U.S.P. goods was about normal. Prices were steady.

Codliver Oil.—Prices were higher at $27 to $28 per barrel. The season was gaining in activity so far as movement to distributors and wholesalers was concerned. Foreign market prices were firm. Stocks unsold in Norway were conservative in size, most of the goods still warehoused in that country having been sold under contract for later shipment.

Epsom Salts. — Firm undertones reflected by well maintained prices prevailed throughout the past week. The movement to buyers was fair to good and trading was done in the absence of anything in the form of price competition. Production costs were also well maintained.

Ephedrine.—Anything available could be sold, but there was little or no free material on the spot. Production was virtually at a standstill, or will be once stocks of raw material have been consumed. No raw material was forthcoming from China. A substitute material, known as chlorbutanol, was being pushed.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Camphor, natural, 1c. per lb.
Codliver oil, $1 per bbl.

Reduced

Quicksilver, $1 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.6	182.6	181.5	180.3

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Atlas Sorbitol—a hexa-hydric alcohol—is a logical scientific development that broadens the usefulness of conditioning agents.

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Formaldehyde. — Export business in this article during the first seven months of the current year were sharply ahead of that current during the corresponding time a year ago. The total this year was 2,132,017 pounds, compared with 779,395 pounds in the equivalent period in 1936.

Glycerin. — The market had a routine aspect that accompanied prices declared to be generally steady in the absence of much in the way of competition. Production cared for requirements of most buyers very well and future production appeared to be reasonably sure of an outlet. Statistics concerning July imports were as follows:—

	Pounds	
	Crude.	Refined.
Belgium	21,780	....
France	284,122	704,155
Germany	61,081	....
Canada	166,860	....
Cuba	89,709	....
Argentina	33,871	....
Egypt	22,507	....
Czechoslovakia	....	65,506
Netherlands	....	43,474
Poland and Danzig	....	44,950
United Kingdom	....	28,983
Totals	679,939	887,068

Exports in July, variety of material not stated by the Department of Commerce, totaled 140,296 pounds. The Netherlands was the largest individual buyer with a record of 44,254 pounds being taken. Austria and Argentina appeared next in the list with 23,149 pounds and 23,362 pounds respectively being recorded.

CHICAGO, Oct. 7.—Various grades of glycerin hold firm, with the market tone being quite healthy. C. p. material is reported moving well, with orders maintaining a satisfactory volume. Ruling prices of representative sellers are:—C. p., car lots, 21½c. per pound; drums, less than car lots, 22c.; cans, less than car lots, 23½c. to 25c., according to quantity; dynamite, car lots, 21½c.

Menthol. — Prices were firm on spot, reflecting lack of weakness in the Japanese market at this time. However, there were those who felt that ultimately new production in Japan may result in more competition and hence somewhat lower prices on shipment material.

Methanol. — The principal activity was in the sale of material for use as an antifreeze agent in motor vehicle radiators during the Winter months. Such business was active and resulted in the movement of a substantial gallonage of the item. Monthly statistics on production of crude and synthetic methanol, representing practically the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data for the months of 1937 include production figures for twenty-eight manufacturers for March to August; twenty-nine for February and January; 1936, thirty-three makers. Wood carbonized in 1937 amounted to 53,813 cords in January, 50,410 cords in February, 54,164 cords in March, 52,116 cords in April, 51,118 cords in May, 49,709 cords in June, 47,525 cords in July, and 45,699 cords in August, comparing with 50,717 cords in January, 40,044 cords in February, 47,626 cords in March, 43,610 cords in April, 44,548 cords in May, 42,319 cords in June, 41,667 cords in July, and 46,272 cords in August.

Production

	Gallons			
	1937.		1936.	
	Crude.*	Synthetic.	Crude.*	Synthetic.
Jan.	525,070	1,855,815	494,081	1,418,863
Feb.	500,685	1,849,302	494,144	1,540,171
March	546,662	2,071,747	476,496	1,631,832
April	531,727	2,138,895	426,313	1,692,921
May	522,961	2,343,497	427,079	1,754,998
June	485,943	2,563,507	413,930	1,863,405
July	465,205	2,564,783	384,751	1,950,825
August	462,584	2,735,903	447,499	2,309,377
Totals	4,040,837	17,813,509	3,564,293	14,162,392

* The refined equivalent would be approximately 82 percent of the crude production.

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Carbonate of Magnesia
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Dependable Products Since 1873
LOCKLAND, CINCINNATI, OHIO

Morphine.—In addition to the normal requirements of this item, there was a seasonal improvement in the call for sulphate and the Winter requirements of numerous buyers were being covered in fair-sized quantities. Prices were steady.

Quicksilver.—Quotations were down slightly to the basis of $88 to $89 per flask, thus showing the added development caused by the absence of expansive demand from manufacturing consumers. Foreign market prices were moderately easier.

SAN FRANCISCO, Oct. 4.—Quicksilver has turned definitely easier and crossed the $90 mark last week, when sellers here admitted that $88 was apparently the best that their metal would bring in the New York market. There remains some interest at that figure, they said, but foreign supplies were figuring very prominently in buyers' operations.

Quinine.—Hydrochloride, salicylate, sulphate, and bisulphate had the bulk of the improved demand that has developed in keeping with the usual expansion of trade in the pre-Winter season. All prices were very firm.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces, small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London are also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅞	44¾	19⅞
Monday	32⅞	44¾	19 13/16
Tuesday	32⅞	44¾	19 13/16
Wednesday	32⅞	44¾	19⅞
Thursday	32⅞	44¾	19 13/16
Friday	32⅞	44¾	20

Strychnine. — Better sales of sulphate were expected now that the season when consumption of the item usually shows moderate improvement is close at hand. Other forms of this article were in routine request at quiet but steady prices.

Terpin Hydrate.—Business was rather quiet last week, but some gain in inquiry was noted and the trade expected the item to move more freely during the months immediately ahead. Winter business is usually fair in volume.

Theobromine Sodiosalicylate.—Powder of U.S.P. quality was in improved call. Restocking along seasonal lines was afoot and a gain in sales was indicated during this the usually more active season when buyers prepare for the larger demand in the Winter months.

Bids Wanted

Alcohol, Ethyl:—2,600 gallons; for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-51, opening October 18.

Aluminum Bronze Powder:—3,550 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; procurement 245, opening October 13.

Ammonia:—Supplies, Sales Officer, Quartermaster Corps, Barksdale Field, La.; procurement 894-10, opening October 18.
Supplies; Sales Officer, Army War College, Fort Humphreys, D. C.; procurement 917-11, opening October 15.
Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.

Antiseptic:—Supplies; Quartermaster, Fort Oglethorpe, Ga.; procurement 641-12, opening October 14.

Bluing:—Supplies; Quartermaster Depot, Twenty-first and Johnston streets, Philadelphia; procurement 669-58, opening October 12.

Borax:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.

Brushes, Tooth:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.

Cement or Glue, Liquid:—1,500 tubes; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 643, opening October 12.

Chrome Green, Dry:—10,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1783, opening October 15.

Compound, Metal-Conditioning and Rust Preventive:—Supplies for delivery at various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1726, opening October 12.

Cork, Ground and Compressed:—Supplies; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1725, opening October 12.

Dope:—Supplies of various types; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; procurement 256, opening October 18.

Grease, Lubricating:—Supplies for various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1720, opening October 12.

Grease, Mineral and Driving Journal:—7,000 pounds; U. S. Engineer Office, Memphis, Tenn.; circular 74, opening October 12.

Lard and Lard Substitute:—Supplies, Quartermaster, Marine Corps, Washington; schedule 261, opening October 18.
Supplies for various deliveries; Purchasing and Contracting Officer, Quartermaster Corps, C.C.C., Schenectady, N. Y.; procurement 5211-8, opening October 15.
Supplies as required during November; Quartermaster, Army Medical Center, Washington; procurement 943-11, opening October 19.

Lard and Lard Substitute:—Supplies for various deliveries; District Quartermaster, Fort Brady, Sault Ste. Marie, Mich.; procurement 4601-22, opening October 12.

Supplies for various deliveries; Purchasing and Contracting Officer, Quartermaster Corps, Fort Sam Houston, Texas; procurement 503-46, opening October 14.
Supplies for various deliveries; Quartermaster, District C, C.C.C., Fort Oglethorpe, Ga.; procurement 5408-22, opening October 14.

Lard Substitute:—Supplies; Quartermaster, Fort Oglethorpe, Ga.; procurement 641-12, opening October 14.

Mayonnaise:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.

Metal Polish:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.

Paint, White:—804 gallons; Procurement Division, Bureau of Supply, Treasury Department, Washington; procurement 2493-S, opening October 13.

Paraffin Wax:—4,600 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; procurement 281, opening October 13.

Sanifush:—Supplies; Sales Officer, Army War College, Fort Humphreys, D. C.; procurement 917-11, opening October 15.

Scouring Powder:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.

Shaving Cream:—3,600 dozen; Procurement Division, Veterans Administration, Washington; procurement 33-S, opening October 13.

Shaving Cream and Soap:—Supplies; Quartermaster, Fort Knox, Ky.; procurement 471-10, opening October 12.

Shoe Polish:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.

Shoe Polish:—Supplies; Quartermaster, Fort Oglethorpe, Ga.; procurement 641-12, opening October 14.
Supplies; Quartermaster Depot, Twenty-first and Johnston streets, Philadelphia; procurement 669-58, opening October 12.

Silver Nitrate Solution:—Supplies as required during the period ending June 30; Procurement Division, Veterans Administration, Washington; procurement 294, opening October 19.

Soap: — Supplies; Quartermaster Depot, Twenty-first and Johnston streets, Philadelphia; procurement 669-58, opening October 12.

Soap, Flakes:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.
Supplies; Sales Officer, Army War College, Fort Humphreys, D. C.; procurement 917-11, opening October 15.

Soap, Automobile:—5,000 pounds; Procurement Division, Bureau of Supply, Treasury Department, Washington; procurement 2485-S, opening October 12.

Soap, Laundry:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.
Supplies; Quartermaster, Fort Bliss, Tex.; procurement 151-21, opening October 20.

Soap, Leather Equipment:—4,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 218, opening October 14.

Soap Powder:—Supplies; Sales Officer, Army War College, Fort Humphreys, D. C.; procurement 917-11, opening October 15.

Soap, Shaving:—3,000 pounds; Procurement Division, Veterans Administration, Washington; procurement 33-S, opening October 13.

Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.

Soap, Toilet:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.
Supplies; Quartermaster, Fort Bliss, Tex.; procurement 151-21, opening October 20.

Soda Bichromate:—1,600 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 228, opening October 14.

Spar Varnish:—605 gallons; Commanding Officer, Rock Island Arsenal, Ill.; procurement 203, opening October 12.

Turpentine: — 2,000 gallons; Procurement Division, Bureau of Supply, Treasury Department, Washington; procurement 2484-S, opening October 12.

Turpentine:—6,300 gallons; Contracting Officer, Material Division, Army Air Corps, Wright Field, Dayton, O.; procurement 246, opening October 12.

Washing Powder:—Supplies; Quartermaster, Fort Oglethorpe, Ga.; procurement 641-12, opening October 14.

Washing Powder:—Supplies for various deliveries; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-49, opening October 13.

White Lead in Oil:—36,000 pounds; U. S. Engineer Office, Memphis, Tenn.; circular 85, opening October 13.
6,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 203, opening October 12.

Hunter Goodrich, of the Archer-Daniels-Midland Company, linseed crusher, Edgewater, N. J., has made application for associate membership in the New York Produce Exchange.

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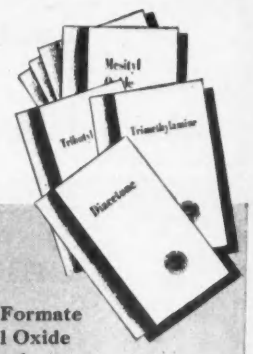

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We are glad to state to their many friends that this highly reputable, old-established firm has sold to us its entire business assets, including stocks of merchandise, plant equipment, and good will.

The activities of this going concern will be merged with our present Chicago branch providing a great increase in our facilities.

In acquiring Messrs. Murray and Nickell Manufacturing Company, we feel that additional tradition is added to our rather rich store, for we have in the past acquired such well-known firms in our industry as P. E. Anderson & Co., McIllvaine Brothers of Philadelphia, the Drug Department of McLaughlin, Gormley, King Company, and others.

Having recently sustained a fire loss involving supplies of imported botanicals, this acquisition is most timely for our immediate requirements.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Botanical Drugs, Gums

Pinch in Stocks Thrusts Golden Seal to New High—Rhubarb Hard To Get Even at Advance—Saw Palmetto Weakens Further—Lavender Down

The upward trek of prices in the market for botanical drugs continued a feature of developments, though the advances were considerably fewer in number than they had been in the previus trading period. The exceptionally strong, basic position of the market as a whole was emphasized clearly and conditions forecast continuation of the present situation for some time to come.

The strongly surging undercurrents in the market found their source in heavy buying at home and abroad, together with subnormal stocks of new crop goods in many domestic and foreign primary markets. Need to buy liberally, especially abroad, for the purpose of renewing and replenishing depleted spot stocks has so heated foreign values of much merchandise as to result in prices boiling at substantially higher price levels than had been expected a short time back. Collections in the home areas had been expected to be conservative in size last Summer, but the results fell below those which had been forecast.

For the above reasons prices on botanical drugs continued to advance last week. In view of the fact that the best consuming season of the year is directly ahead, dealers held the opinion that the advance was likely to continue, though possibly at a slower pace as time passes. A miscalculation in the form of a misplaced decimal point in the previous week resulted in an incorrect index number change for the market. This has been adjusted this week. Market undertones were virile and strong at the close of the period and buyers were pressing for an early delivery of goods already engaged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Caraway seed, ¼c. per lb.
Celery seed, French, ½c. per lb.
Indian, ¼c. per lb.
Coriander seed, natural, ¼c. per lb.
bleached, ¼c. per lb.
Elder flowers, bright, 5c. per lb.
dark, 4c. per lb.
Elm bark, select, 2c. per lb.
Golden seal root, whole, 40c. per lb.
powdered, 50c. per lb.
Henbane leaves, 1c. per lb.
Larkspur seed, 5c. per lb.
Laurel leaves, ¾c. per lb.
Mandrake root, 1c. per lb.
Musk root, 3c. per lb.
Orris root, Florentine, 1c. per lb.
powdered, 1c. per lb.
Verona, whole, ½c. per lb.
powdered, 1c. per lb.
Quince seed, 10c. per lb.
Rhubarb root, whole, 5c. per lb.
powdered, 5c. per lb.
Rose flowers, red, 50c. per lb.
Serpentaria root, 5c. per lb.
Soapbark, powdered, ½c. per lb.
St. Ignatius beans, 14c. per lb.
Valerian root, 1c. per lb.

Reduced

Benzoin gum, Sumatra, 7c. per lb.
Lavender, ordinary, 5c. per lb.
select, 5c. per lb.
Myrrh gum, 3c. per lb.
Saw palmetto berries, 10c. per lb.
Vanilla beans, Bourbon, 25c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
139.7	135.5	127.5	115.4

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Business was moderate in volume but steady for the most part last week. Values were well held on the spot, reflecting the recent strengthening noted in prices in the primary markets.

Fir.—Trade was somewhat slow on the whole. The tendency of buyers was to keep purchases close to actual requirements, and the result was a volume of business distinctly conservative in size. Pricewise the market was steady.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags— Detained.	Entered.
Anise	2,816	16,050
Caraway	2,936	14,251
Cardamom (cases)	61	1,677
Celery	521	6,989
Coriander	9,294	12,258
Cumin	2,178	7,455
Digitalis leaves (cases)	143	194
Dill	184	647
Fennel	435	2,415
Henbane leaves (bales)	141	294
Mustard	330	20,905
Poppy	1,760	36,031
Sage leaves (bales)	20	2,051
Sesame	228	12,322
Stramonium (bales)	242	327
Thyme (bales)	670	1,314
Totals	21,938	148,770

Barks

Black Haw.—Prices were advanced no further last week but the situation was one of much strength and local dealers were disposed to look for still higher quotations in the not far distant future.

Cascara Sagrada.—Lack of much demand for prompt deliveries tended to keep quotations fairly easy and for the most part in a position where conditions favored buyers with firm orders in hand.

Elm.—Select bark advanced to 40c. to 42c. per pound and tended to move to 42c. as a minimum figure, this for the reason that quotations in the country were strongly maintained, being backed only by stocks considerably less than the reserve normal this time of the year.

Soap.—Powdered bark was advanced further to 14c. to 15c. per pound. Demand has been excellent, being more than coud be readily supplied at the moment. Other forms of this bark held steady.

Wahoo.—The tendency was still upward but values hardened after the recent rise in quotations and for the time being developments were at a standstill. The lack of normal reserves in the primary market has kept the market fully strong in all respects.

Beans

St. Ignatius.—Stocks were found to be short on the spot and replacement at an early date was difficult if not entirely unlikely. Local quotations were advanced to 45c. to 50c. per pound and sellers were reserved in offering at that limit.

Vanilla.—Bourbon beans were lower at $4 to $4.25 per pound, reflecting an easier and somewhat lower market abroad where new crop Bourbons were coming on the market in increasing quantities. Mexican beans lacked change and appeared to be firm to steady. Demand was moderately active but in view of the easing of European prices, the tendency was to stand by pending further developments.

Berries

Raspberries.—The market has become fairly stable at 75c. to 80c. per pound and local views last week suggested that further reductions were not likely to come at an early date. The future of price trend will depend mostly on how good or poor demand may be in the future.

Saw Palmetto.—Quotations have been reduced further to 20c. to 21c. per pound, this being a price in line with what has been paid for new crop goods in the primary market.

Flowers

Elder.—Quotations on spot have been advanced to cover higher replacement prices in the primary market. Sales have been made over the range 22c. to 25c. per pound, prevailing according to quantity in demand.

Lavender.—Lower prices on new crop flowers brought spot quotations on select flowers down to the basis of 50c. to 55c. per pound. Competition was fairly aggressive and further reductions were said to be likely.

Orange.—The advance in prices during the previous week was made firm and confirmed by fairly substantial selling at a minimum of 35c. per pound. The foreign market prices were all very firm.

Rose.—Red flowers were advanced to $2.50 to $2.60 per pound as the result of reduced spot stocks and what amounted to a shortage locally for the time being. Buying for domestic account has raised quotations abroad. Pale flowers were up to 34c. to 35c., extending the advance noted during the previous trading period.

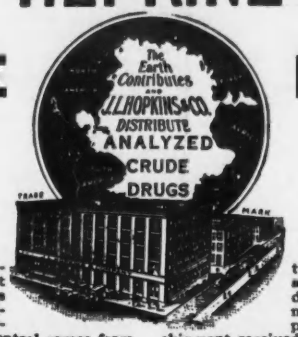
Saffron.—The market was apparently dull. Buyers traded only in a jobbing way and the total was conservative in size. Prices were quiet and not more than steady for the most part.

Gums

Arabic.—Business was not expansive. Sellers reported inquiries to be light and sales to be within moderate limits throughout the past week. Values seemed to have become softer under the

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

TESTED BOTANICALLY
HOPKINS BRAND
TESTED CHEMICALLY
CRUDE DRUGS
TESTED MICROSCOPICALLY
TESTED PHYSIOLOGICALLY



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influence of more competition than had prevailed recently. Shipments from the primary market during July, 1937, totaled 1,106 tons, compared with 1,937 tons in July, 1936. Shipments during January-July, 1937, totaled 15,080 tons, compared with 14,391 tons in the corresponding period of 1936. The chief destinations were as follows:—

	Tons			
	1936		1937	
	July.	Total.	July.	Total.
Great Britain	356	3,262	343	4,660
United States	535	2,431	264	2,937
France	224	2,625	135	1,452
Germany	216	1,773	125	1,743
Italy	2	46	1	477
Belgium	194	1,001	15	568
Japan	143	687	32	892
Holland	51	547	83	558
Spain	40	156	...	...
Sweden	8	251	...	291
Norway	2	27	...	37
Australia	63	401	29	328
New Zealand	...	31	5	44
China	3	152	3	149
Canada	35	184	10	155
British India	10	36	...	71
Denmark	...	103	3	118
Finland	2	66	12	132
Poland	20	56	...	67
Rumania	7	69	2	34
Greece	...	73	2	57
Egypt	...	57	5	41
South Africa	...	21	10	25
Dutch Indies	...	18	4	30
Argentina	...	29	5	20
Brazil	13	97	12	67

The export figures are made up of the following qualities:—

	Tons			
	Hashab.	Bleached.	Talha.	Total.
July, 1936	1,514	40	383	1,937
July, 1937	877	24	205	1,106
Jan.-July, 1936	13,196	115	1,080	14,391
Jan.-July, 1937	13,115	98	1,867	15,080

Benzoin.—Relief from stock shortage caused by rejections of most parcels arriving for many weeks past was forecast by the information that enforcement of the U.S.P. test for rosin would be abandoned. The result was a prompt easing of the spot market with prices being noted at 15c. to 25c. per pound, according to seller and quantity. It should be realized that the gum rejected for a long time past had been in nowise different in quality from that reaching here for many years past. Therefore, the wide range in prices was believed likely to narrow quickly.

Myrrh.—Competition was fairly brisk and the market was lowered to the basis of 37c. to 40c. per pound during the past week. Trade was dull, but dealers expected a seasonal expansion to start soon.

Olibanum.—Routine trading built a fair volume of sales last week. The call was along normal lines and business done found values to be generally well stabilized in local circles.

Tragacanth. — Movement into consumption has been along somewhat less active lines for some time past and the improvement reported last week was said to have been moderate. Prices remained generally steady on spot because of the total absence of weakness at the source, where values are under governmental control.

Herbs and Leaves

Buchu.—The market was steady, but lack of important demand from consumers resulted in an ending of the advance in values started during the previous trading period. However, undertones were fully firm.

Ephedra.—Trading was at a standstill. Manufacturers of ephedrine and its salts needed stocks badly, but were unable to place any orders in China. The article is marketed solely through Shanghai, and is reported produced in the area affected by the present severe fighting between Japanese and Chinese troops.

Henbane.—The market has strengthened since stocks were recently reduced. Spot quotations last week were raised to 20c. to 21c. per pound, and an exceptionally firm position prevailed last in the period.

Laurel.—More inquiry and some gains in sales accompanied by an advance in prices to 5½c. to 6c. per pound was the story last week. The improvement in interest of buyers was a seasonal development.

Sage.—Sausage makers were more active buyers as their season has already started and demand for seasonings has increased substantially. Prices were much firmer than they had been.

Miscellaneous

Agaric.—Small spot stocks were very firmly held, even though actual consumer interest was not very great. The market was well held at $3.25 to $3.30 per pound.

Areca Nuts.—Powdered material was firm at the recent rise in prices, and dealers reported that should demand expand much more further increase in values would result, as stocks were none too plentiful.

Guarana.—The comparative shortage in spot stocks was the direct cause of a further strengthening of quotations on spot. The basis was $1.20 to $1.25 per pound. So far as most dealers were concerned, the position of the article was nominal because they lacked supplies.

Papain. — Powdered material was firm. However, demand failed to rise to important proportions last week, and dealers said that further improvement in spot quotations depended on the future expansion in consuming requirements coming to this market.

Roots

Golden Seal.—Stocks were on the short side and prices continued to rise. Whole was priced at $3.50 to $3.60 per pound and powdered material was held at $3.75 to $3.85—both ruling according to seller. All holders were reserved.

Mandrake.—Sales were made at 17c. to 18c. per pound and the further rise in values confirmed all reports of strength coming from the primary market for some time past. Demand was good.

Musk.—The market continued to rise and quotations last week reached the level of 16c. to 17c. per pound, showing much strength based on the difficulty in getting goods abroad to meet the very good call on spot.

Orris.—Prices were higher. Florentine whole root was priced at 9c. to 9½c. per pound; powdered, 13c. to 13½c.; Verona, whole, 8½c. to 9c.; powdered, 12c. to 14c. The Italian market was stronger and higher in meeting the improved demand for export parcels.

Serpentaria.—Stocks in the primary market were short and revaluation of the holdings has been a steady development of late. Further increase in prices was reflected locally when the market went to 90c. to 95c. per pound.

Valerian.—The market moved up somewhat more last week and dealers confirmed fairly good sized sales on the basis of 11c. to 12c. per pound. Trade has been more active generally and the local houses looked for a market of firm undertones to prevail for some time to come.

Seeds

Caraway.—Business was slightly improved and the gain in interest caused firmer undertones and fractionally higher prices to prevail throughout the past week. The market stood at 7½c. to 8c. per pound.

Coriander.—Business in natural seed was done at the higher price of 8½c. to 9c. per pound, while the bleached article brought 9½c. to 10c. steadily throughout the past week.

Celery.—The downward trend in prices was checked when markets abroad stiffened and values on replacement goods were firmer. On the spot quotations on French seed stood at 17c. to 17½c. per pound, while the Indian article fetched 15c. to 15½c. per pound at all times.

Larkspur.—The reduction in spot stocks was stressed by a further advance in spot quotations to the basis of 35c. to 38c. per pound. The holding were in a comparatively few hands and all with prompt delivery stocks reported a very good interest in the item.

Quince.—The market was higher at 85c. to $1.50 per pound and more active from a consuming point of view during the past week. Stocks were not exceptionally large.

Spices

Cassia Buds.—The market was high in price and strong, solely because of the fact that there was very little stock unsold on this market at the present time. The call has been in excess of the market's ability to supply for some time past.

Clove.—Trading was rather routine on the whole and consisted mainly of jobbing orders last week. Prices remained steady on spot, exactly as they did in the Far East where trading with Europe was said to be very good.

Ginger.—Millers were active buyers in quantities of moderate size. Other manufacturers were in the market for fair amounts. The net result was a situation in which prices were firm and undertones were steady.

Mace.—Seasonal requirements were more in evidence last week and buyers found conditions fairly firm in most respects. Prices were well maintained and the market was notable for its lack of important competition because of the fact that stocks were not excessive.

Peppers.—Grinders were routine buyers on spot last week, centering their operations mainly in Lampong black and Java Muntok white. Red peppers were not especially active but lack of larger business failed to react on values. The foreign markets were mainly steady so far as all varieties of pepper were concerned and buying of futures was slightly improved. According to a cable, from the United States trade commissioner at Batavia to the Department of Commerce, the officially estimated arrivals of black pepper at Telok Betong from May 1 through September were 13,500 metric tons, plus 1,500 tons from other export harbors, Lampong. Reliable trade estimates place arrivals at 16,000 tons. Both officials and the trade agree that the present stock at Telok Betong is about 12,000 tons. Exports from Telok Betong were extremely light in August, amounting to 855 tons. The reported September shipments were about the same. Indications were that early October shipments will not be much heavier.

Following is a price record of trading in black pepper futures on the New York Produce Exchange from October 2 to 8 inclusive:—

	Cents per pound		
	High.	Low.	Close.
January	5.80	5.38	5.30@5.38
March	5.75	5.65	5.35@5.45
May	5.70	5.50	5.45@5.50
July	6.05	5.80	5.55@5.60
September	6.00	5.75	5.60@5.67
December	5.56	5.35	5.21@5.31

Benzoin Rosin Test Deleted from U.S.P.

The U. S. P. Committee of Revision has voted to revise the text for "Benzoinum" by omitting the specific test for "rosin." It has been demonstrated that many authentic samples of benzoin, recently presented for importation, fail to meet this test. Other tests, however, indicate that the drug is not adulterated with "rosin."

Extensive investigations will be made to determine the cause of recent failures to comply with this test, and another test will be recommended if one can be developed which is satisfactory. In the meanwhile the vote of the committee of revision has authorized the revision of the benzoin monograph by the omission of the present "rosin" test. This action will become effective immediately.

Grease Uses Expansion To Be Pushed by Group

(Continued from page 3)

Ralph R. Matthews of the Battenfeld Grease & Oil Corporation, recited progress being made in standardizing grease tests and in laboratory testing.

H. R. Reynolds of the Fafnir Bearing Company, described lubricant needs for various types of ball bearing applications. C. C. Pecu of the Lackawanna Steel Company, outlined grease lubrication requirements in steel mills.

The institute elected the following officers:—President, George W. Miller, of the American Lubricants, Inc., Buffalo; vice-president, M. R. Bower, of the Standard Oil Company of Ohio; secretary-treasurer, Ernest V. Moncreiff, of the Swan-Finch Oil Corporation, New York city.

Directors elected for the 1937-38 season:—H. F. Wilhelm, of the Socony-Vacuum Oil Company, New York; George W. Miller; Ernest V. Moncrieff; J. R. Battenfeld, of the Battenfeld Grease & Oil Corporation, Kansas City, Mo.; M. R. Bower; W. F. Callaghan, of the Motor State Oil & Grease Company, Jackson, Mich.; M. B. Chittick, of the Pure Oil Company, Chicago; C. B. Karns, of Penola, Inc., New York city; F. C. Kerns, of the Texas Company, New York city; L. P. Lochridge, of the Sinclair Refining Company, New York; William H. Oldacre, of D. A. Stuart & Co., Chicago; William H. Saunders, jr., of the International Lubricant Corporation, New Orleans; F. J. Snyder, of the Fiske Brothers Refining Company, New York city; John C. Wolke, of L. Sonneborn Sons, Inc., New York city; and J. R. Corbett, of the Cato Oil & Grease Company, Oklahoma City.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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Essential Oils, Aromatic Chemicals

Lower Costs Bring Price Decline on High Test Lavender—Lavandin Down—Cassia Higher and Nominal—Peppermint Shaded —Lime Lower—Bergamot Up—Trade Fair

Business in the market for essential oils and aromatic chemicals was fairly quiet last week. Reports indicated that trade was running ahead of that of a year ago at the corresponding time of year but, also, they indicated that the normal expansion of demand at this season has yet to come.

Sellers of most commodities declared that they were busy. Deliveries of goods sold under contracts have been fairly satisfactory, requests for delays in shipments being infrequent. It was in the matter of new business that conditions seemed to be not all that might be desired.

Importers of lavandin and lavender flower oil have bought new crop oil at more advantageous prices and dealers have been able to reduce somewhat their quotations on the former, as well as their prices on high test varieties of the latter. Bitter and sweet almond were down under competitive circumstances. Lime was lower, but other citrous oils such as lemon and orange lacked change. Peppermint was shaded moderately but resistance to decline seemed to be developing.

Bergamot was higher, bringing spot prices nearer to replacement parity. Cassia was higher and strictly nominal. Anise was also nominal. Both cassia and anise are not obtainable at the source. Low stocks of erigeron were revalued upward. Eucalyptus was in widening demand, a seasonal development coming in company with slightly lower prices.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anethol, 5c. per lb.
Bergamot, 15c. per lb.
Cajeput, technical, 8c. per lb.
U.S.P., 1c. per lb.
Cassia, 10c. per lb.
Erigeron, 25c. per lb.
Eucalpytus, 1c. per lb.

Reduced

Almond, bitter, 50c. per lb.
sweet, 5c. per lb.
Lavandin, 45c. per lb.
Lavender, flower oil, 50% ester, 25c. per lb.
38% to 42% ester, 45c. per lb.
Lime, distilled, 25c. per lb.
expressed, 25c. per lb.
Peppermint, natural, 5c. per lb.
redistilled, 5c. per lb.
Pimento, leaf oil, 10c. per lb.
Pineneedle, 3c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
81.2	80.6	84.0	72.9

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Bitter oil was cheaper at $2.25 to $2.75 per pound, while the free from prussic acid article was named at $2 to $2.50. Sweet oil was also lower at 75c. to 80c. No change was made in the quotations on artificial oil. Lower replacement cost was reflected in the price developments noted.

Anise.—Small stocks and inability to get replacements from China resulted in the spot market remaining entirely nominal. Open and unrestricted trading in the item was virtually impossible. All sellers were reserved, conserving their small holdings to supply their regular customers as long as possible.

Bergamot.—The spot market was higher at $4 to $4.10 per pound and offerings in the open market were neither numerous nor large. Replacement cost was strong in Italy and found but partial reflection in the local price situation.

Cajeput.—Technical was priced at 64c. to 65c. per pound and the USP was offered at 72c. to 75c. per pound, both items being somewhat higher in price to conform with the recent and general strengthening of the markets at all points.

Cananga.—Routine trading was reported and the market was close to being actually dull However, values were in generally steady position because of an absence of any important amount of competition.

Cassia.—The market was stronger, gaining strength steadily the longer there is an absence of normal offerings from the primary market. Spot quotations on a strictly nominal basis were $1.35 per pound, with sellers confining sales mainly to regular customers.

Citronella.—A firmer market has developed of late, and the market as a whole displayed some tendency toward a rise in local quotations on Ceylon material. However, a mitigating element in the situation was the absence of a pressing demand for prompt deliveries. According to information received from Batavian exporters of citronella oil, supplies were coming forward very slowly this season. The shortage of supplies up to August had caused no appreciable advance in local quotations, according to the Batavia Chamber of Commerce's market report of August 3, 1937. Exporters attributed the steadiness of the local price to the fact that offers from foreign markets have consistently been below the Batavia quotations. September, however, found prices advancing substantially.

Clove.—The market appeared to have become somewhat steadier since the recent decline, and competition was deemed slightly less of a depressing element in the general position of this item. Demand reaching the producers was said to be very fair in size.

Erigeron.—Conditions indicate that production will be negligible, and a general strengthening of the market position of oil now in hand prevailed, in company with prices on the somewhat higher basis of $2 to $2.25 per pound.

Eucalyptus.—Quotations in drummed oil were lower at 42c. to 44c. per pound, while in cans it was quoted 44c. to 46c. Quiet undertones prevailed in a market expected to be surely active, now that the season of increasing consumption is at hand. However, somewhat larger stocks last week brought more competition.

Geranium.—Consumption of this oil has decreased somewhat, the soapmakers, who were the principal buyers and who took large quantities in the past, being not in the market to any substantial extent. Prices remained quiet but fairly steady.

Lavandin.—New crop goods have been bought at prices sufficiently low to permit a substantial reduction in spot quotations. The market last week was $2.25 per pound, and competition was more than usually active thereat. Demand was routine.

Lavender.—Top qualities of this item were cheaper, but those with a lower ester content remained unchanged. The price of 50 percent ester oil was down to $5.50 to $5.60 per pound; 38 to 42 percent, $4.80 to $4.90. This was a development that came despite the latest French predictions that prices would rise because less has been produced this year.

Lemon.—Prices held, and reports suggested that they would become firmer at current levels, in accord with the absence of further weakening of the foreign market. Demand was somewhat quiet, feeling the result of the ending of the Summer season of substantial activity.

Lime.—Lower replacement costs have brought more competition and a further rectification of spot quotations. Distilled oil was down to $5.50 to $6 per pound; expressed, $8.75 to $9.25. Demand was for moderate quantities only.

Mustard.—Although the duty will be higher under a recent Treasury Department promulgation, spot quotations on artificial oil have yet to change from the basis of $1.90 to $2 per pound.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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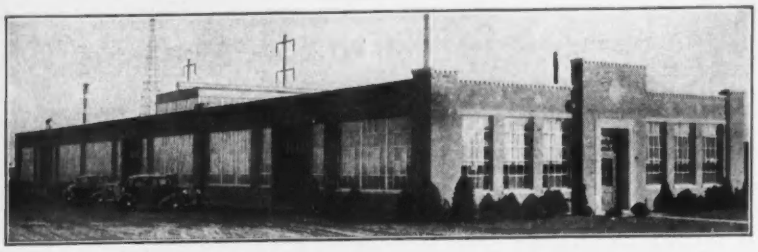

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Some sellers, however, have already reflected increase in costs by holding at $2 minimum.

Nutmeg.—A fair-sized and seasonal call for this article was reported and the market as a whole was in very steady position. Stocks were said to be liberal so far as reserves were concerned.

Orange.—The spot market was fairly slow on the whole, but values remained generally steady in most directions. Trade was usually for immediate requirements. Exports from French Guinea during the first quarter of 1937 totaled 1,180 metric quintals, of which amount 30 metric quintals came to the United States, being a gain of 100 percent over the receipts in the corresponding period a year ago. France was the next largest importer, taking 915 metric quintals.

Pennyroyal.—The market was firm so far as domestic goods were concerned and values were expected to show some improvement when new crop goes into consumption in substantial volume. Foreign made material was also firm at the source.

Pimento.—Leaf oil was shaded to $2.40 to $2.50 per pound and yet conditions seemed still to be basically firm in keeping with the lack of weakness in replacement cost. Berry oil was firm and in light supply at unchanged prices.

Peppermint.—The spot market was reduced to $2.35 to $2.60 per pound for natural, and to $2.55 to $2.70 for redistilled material. The trend in values has been downward for some time past, but while the market was lower again last week, it seemed to become more solid and resistant of conditions making for lower price levels. In the past, peppermint oil at $2 per pound had been always considered a safe and even fortunate purchase.

Rose.—Reports from the primary market said that demand reaching there in the first half of August increased sharply, resulting in the export of 260 kilos to Paris and London. The export was made almost entirely by airplane. The spot market continued to be one of routine activity and well stabilized prices.

Pineneedle.—Quotations were shaded a trifle to $1.02 to $1.05 per pound, but in view of the difficulty in getting shipments from the primary market, the basic position of the article was one of real firmness. Competition was negligible.

Spearmint.—Competition was fairly current on spot, but values at the recently lowered levels were fairly well maintained in the majority of transactions. Demand was moderate to light, but it was also steady.

Wormseed. — A firmer undertone seemed to be developing. It seemed unlikely that production would exceed normal size this year and prospects for demand, especially on export account, were improving. Prices were firmly maintained in practically all quarters.

Aromatic Chemicals

Anethol.—Prices were advanced once more, making the market $1.35 to $1.40 per pound and some quarters quoted the outside position as their minimum figure. This rising price development had been long forecast by the growing scarcity and value of raw material.

Anisic Aldehyde.—The tendency was upward because of the raw material situation, but the condition has yet to become sufficiently acute to find reflection in spot quotations on the item. Moderate demand may account for that to some extent.

Benzaldehyde.—Quiet market conditions prevailed for the most part. However, prices were generally steady at the levels set up when they were reduced in the not far distant past.

Benzylidenacetone. — Business was routine, but at a level even with the volume prevalent for some time past. The market seemed to be well stabilized for the most part and prices were firm.

Cinnamic Aldehyde.—A market of moderate size and quiet undertones prevailed on the spot. Buyers purchased close to their immediate needs and the latter appeared to be about normal in terms of recent business. Prices held steadily.

Citral.—Somewhat more inquiry was reported, buyers were more numerous and shipments showed, in some quarters, a gain over those in the previous trading period. Quotations were said to be firmer.

Coumarin.—Business in this article was about normal. Tenders under contract were said to be promptly accepted by the majority of operators on that basis. Smaller buyers traded in usual quantities. Prices were very steady.

Diphenylmethane. — Hand-to-mouth business was the rule. It was strictly jobbing business last week that kept volume at a comparatively low level. However, so far as prices were concerned, conditions continued to be steady.

(Continued on page 56)

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Petroleum Solvents, Lubricants, Fuels

Solvents and Naphthas Move Slowly For This Time of Year —Gasoline Position Softer at Midcontinent—Crude Production Declines Further

Petroleum distillates used as raw materials in the process industries were not showing the activity that is usual at this time of the year. Purchasing was hand to mouth, and did not reach the usual dimensions of Fall trade. The combined influence of slow trade and an uncertain gasoline market did not weaken the price structure for the solvents, waxes and other petroleum raw materials. Solvents and naphthas prices held the steadiness that has been characteristic for the past several weeks, while the light hydrocarbon gases were also lacking in elements of weakness. There was considerable spottiness in the demand for rubber solvents, albeit these solvents managed to maintain leadership in the movement of solvents into consumption. The Akron tire makers have not been operating in more than mild fashion. The paint, varnish and lacquer manufacturing industry was also buying sparingly.

Gasoline continued soft at the Midcontinent refineries. Some of the smaller refiners were pressing the market at concessions.

Daily average production of crude oil in United States for the week ended October 2 was 3,647,450 barrels, a decrease of 18,850 barrels from the preceding week's average, according to the estimates of the American Petroleum Institute. The average for four weeks ended was 3,656,850 barrels, and the average at this time a year ago was 2,900,700 barrels. Runs of crude oil to stills for the week ended October 2 were reported to the A. P. I. by companies controlling 89 percent of the nation's refinery capacity as having averaged 3,100,000 barrels daily for 83.7 percent of refinery operation, and, according to the A. P. I., 300,000 barrels additional were sent to stills unreported for a total daily average of 3,400,000 barrels, against 3,455,000 barrels in the preceding week.

An omnibus tax bill introduced in the Texas Legislature and which has been reported favorably by the house committee on revenue and taxation, includes a provision to increase the crude oil production tax from 2¾ percent of its value when the price is above $1 per barrel, to 4 percent of its value. The measure would also increase the natural gas production tax from 3 percent to 4 4/10 percent of its value.

Solvents and Diluents

The position of petroleum solvents and naphthas has been held aloof from the weakened influences of the gasoline market in the Southwest. Prices for naphtha cuts and diluents have been unchanged for several months in the Midcontinent refinery market. The Eastern market situation also appeared steady last week. Consuming activities were not so large as might be expected for this time of the season. The rubber solvents have not been bought in the usual brisk fashion; naphthas for the paint manufacturing industry were also moving moderately.

Cleaners' Naphthas.—The demands on the Mid-continent suppliers have been good but the movement out of the Eastern stock points was not more than fair. Prices continued in an unchanged and steady position.

Lacquer Diluents.—Although there was a day to day interest from the buyers, the market does not have the snap that is usual at this time of the season. The price situation, however, continued quite firm at the levels that have been in force for some time with 8⅜c. to 8⅞c. per gallon named for tankcars, f.o.b. Group 3.

Petroleum Thinners.—The calls for supplies were spotty again last week. October business to date was not much better than that of a month ago and the Fall season has been a disappointment to the suppliers so far. Prices for tankcar quantities at the Midcontinent and East Coast refineries remained unchanged and the tankwagon prices in leading Eastern and mid-Western cities were also without reported change.

Rubber Solvents.—The Akron tire producers have not been taking tankcar deliveries in the volume expected. These solvents continued to move toward consumption in relatively better gallonage than some of the other petroleum solvents but the tire people have not been buying like they were earlier in the year. Prices for tankcar lots of light and heavy grade solvents continued at the levels that have been long standing.

Stoddard Solvent.—The demands of the market were fair-sized. While there was no real briskness in the market, ordering of supplies was not so spotty as that for some of the other solvents. In company with other solvents, the prices held steady in the tankcar and tankwagon markets despite the weakening influence of the gasoline market.

V. M. & P. Naphthas.—Conditions surrounding the market were little different from those of recent weeks. The demands were spotty at best but the prices continued in a firm position at levels that have been standing for some time.

Markets at Other Centers

Chicago, Oct. 7.—The petroleum solvents and diluents business was holding up in volume. Representative industry buyers were taking fair to good quantities of material. Cleaners' naphtha buying has been quite good recently. Rubber solvents are moving rather well here. Ruling prices in tankcar lots except as noted were (tankcar prices f.o.b. Group 3):—Blending naphtha, 5c. to 5⅛c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 17.1c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 15.8c., tankwagon; rubber solvent, 7⅜c. to 7½c.; lacquer diluent, 8⅜c. to 8½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.8c., tankwagon; V. M. & P. naphtha, 7⅜c. to 7½c., tankcar; 18.1c., tankwagon.

Tulsa, Oct. 7.—There was a fair movement of all grades of naphthas with prices unchanged. The weakness in gasoline has not affected these products. Stoddard was based at 6⅞c. per gallon and the cleaners' naphthas, 7⅜c. to 7⅝c. per gallon.

Lighter Fractions

Producers of butanes, hexanes and other commodities in this classification have not reported any change in prices or conditions. The quotations for tankcars and smaller quantities have been without a change for some months. Industrial consumption was understood to have been a routine affair.

Butanes.—There has been no change in the position of the market. The Group 3 producers continued to quote 2¼c. to 3¾c. per gallon for tankcars, basis Group 3, depending upon the quantity desired.

Heptanes.—The schedule of prices has not been changed for some time. The normal grade in tanks was 10½c. per gallon, while the mixed material testing 77-115 degrees C. was priced at 8½c. per gallon. These quotations were f.o.b. Group 3, and usual differentials were named for smaller quantities.

Pentanes.—Prices have been without change since this article was last reviewed. The normal grade continued at 8½c. per gallon for tankcars, f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—The price structure has been holding quite well. The demands against contracts have not been lively yet, but showed some signs of improvement last week. Technical oils were strong.

Paraffin Waxes.—The market for scale wax held its position here at 2.95c. to 3c. per pound for either the 122-124 A.m.p. or the 124-126 A.m.p. grades. There was not a great deal of business booked during the week, but inquiries were quite frequent compared with the small interest of the preceding week. The holders of supplies were firm in their asking prices. The fully refined waxes have not been changed.

CHICAGO, Oct. 7.—The refined wax market was holding steady, with demand still being maintained at a good rate. Domestic and export business was attaining good totals. The price structure continued to give a good account of itself. Ruling prices of representative sellers were:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Oct. 7.—There was a strong market in waxes of all grades with the 124-26 American crude still difficult to buy with quotations at 3c. to 3⅛c. per pound.

Petrolatum.—Less than car lot business showed some improvement last week, but the larger buyers were not very active in the market. Basic conditions in the market were quite steady and the sellers held for the prices that have been asked all year.

Fuels and Lubricants

The Eastern light oil market did not show much change in position from that of a week ago. Jobbing buyers of gasoline showed a fair interest. Prices were fairly steady. The tankcar kerosene prices were cut at Jacksonville, Tampa and Savannah, but quotations at the Middle Atlantic seaboard points were unchanged and steady. Kerosene demands were a little livlier. The Pennsylvania cylinder oil market continued in a demoralized position.

Market Conditions

Gasoline.—The bulk market in the local area continued steady. There was not a great deal of activity but the interest of the jobbing buyers was fairly good. Barge lots of U. S. motor material were quite firm around 7¼c. per gallon. Retail prices in the Eastern seaboard sector were holding in fairly good shape. The most disturbing feature was a strike called in 800 retail gasoline stations in Brooklyn, N. Y., which was to have taken effect Saturday morning. The export market at the Gulf continued steady and unchanged.

Kerosene.—The local bulk market was steady and was favored with a small improvement of buying interest, but bulk prices in the South were reduced last week. Tankcar prices at Jacksonville, Tampa, and Savannah were lowered ½c. per gallon to the basis of 5¾c. per gallon. The bulk market position for 41-43 water white material at local terminals was steady. The export market at the U. S. Gulf was unchanged at 5⅛c. per gallon for prime white and 5¼c. per gallon for water white.

Fuel and Gas Oils.—The bunker oil market was the center of more interest last week. The activity of marine buyers had been more or less perfunctory during recent weeks, but last week's interest was rather good. The price remained firm at the long standing level of $1.35 per barrel at the terminals. Fuel oils were a little easy on spots.

Lubricating Oils.—The Pennsylvania cylinder oils market continued in a demoralized position last week, as sellers seemed to be taking all sorts of bids. The price for 600 was down ¼c. to 14¼c per gallon; 600 flash was 18c. per gallon, off 1c. from a week ago; 630 flash was 22c. per gallon, also off 1c. per gallon; and 650 fire was 17½c. per gallon, a decline of ½c. from a week ago. The bright stock market was named at 22c. per gallon for regular pour grades, but there were reports of trading at somewhat less. The aforementioned prices included 4c. per gallon Federal tax. Neutrals held free from the disturbances in cylinder oils and bright stocks.

Markets at Other Centers

Tulsa, Oct. 7.—Weakness came into the refined Midcontinent oil market as a result of a post seasonal condition whcih has not caused a sufficient volume of consumption of gasoline to absorb easily the current production. While the contract movement of material has been fairly satisfactory the spot market has a sluggish appearance.

Offerings of gasoline brought about weakness in all grades. Starting with the third grade, because of the higher volatility sought at this season of the year, refiners have been anxious to market their production of all grades and concessions have become available for immediate movement ranging from one-eighth to one-quarter of a cent per gallon in a few instances.

The fact that gasoline stocks are about 13 percent higher than a year ago with consumption declining to an extent yet unknown has caused some of the smaller refiners to press their offerings. This condition this week even spread to distillates, although, it might be expected to be temporary. Smaller refiners are anxious to prevent a larger accumulation of inventories consequently have offered material which was not moved in the latter part of September due to the extension of the higher temperatures.

The crude oil situation has contributed materially to the weakness of the markets. Production has not moved downward as rapidly as consumption is contracting and smaller refiners are somewhat fearful. There are about 40,000 barrels of crude oil a day being stored in Oklahoma and Kansas which oil buyers are anxious to avoid. With this surplus overhanging the market some of the smaller refiners are just wondering whether it may not ultimately affect the price and for this reason are anxious to prevent a position in inventories which would bring loss even with a rise in seasonal products.

Following are the quotations for products traded in the Midcontinent field on the basis of Group 3 prices:—

GASOLINE.—The spread has widened due to many of the larger refiners holding the prices of the higher grades. The third grade, however, was generally lowered one-eighth of one cent a gallon by nearly all refiners. Some trading in the resale market in third grade was effected as low as 4½c. per gallon. However, it was generally considered that the aver-

Outputs and Quotas

A comparison of Bureau of Mines calculations for September production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended October 2 follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	633,600	600,000	581,200
Kansas	200,900	196,250	184,500
Texas	1,413,600	1,441,734	1,494,000
Louisiana ...	247,900	265,495	264,300
Arkansas ...	29,900	.....	38,700
Eastern	124,300	.....	144,750
Michigan ...	40,400	.....	54,600
Wyoming ...	55,990	.....	57,700
Montana ...	18,200	.....	18,200
Colorado	5,000	.....	4,650
New Mexico..	101,400	114,000	114,650
California ..	638,200	*638,200	690,200
Totals.....	3,462,900	.....	3,647,450

* Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline was unchanged at the Midcontinent refineries.

	Oct. 8	Oct. 1	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.362	$1.362	$1.276
Gasoline prices at refineries (at four refining centers) per gallon.....	.056875	.056875	.054375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937 Jan. 1-Oct. 9	1936 Jan. 1-Oct. 9
Commercia' crude oil productions	978,030,000	822,945,000
	Week ended Oct. 9, 1937	Week ended Oct. 10, 1936
Daily average production	3,633,400	2,979,200
	Week ended Oct. 2, 1937	Week ended Sept. 25, 1937
Estimated motor fuel stock total	65,266,000	65,620,000
Estimated finished motor fuel stock at refineries	34,606,000	34,929,000

age price would be about 4¾c. per gallon. The high and low quotations are 4½c. to 4⅞c. for both U. S. motor of 58-60 and 60-62 grade of low octane. The 68-70 octane sometimes called 70-72 under the new L three method ranges from 5⅝c. to 6c. per gallon and the average could be said to be about 5¾c. per gallon. The 63-65 octane ranged from 5c. to 5½c. per gallon.

KEROSENE.—The market is about steady and quotations remain unchanged ranging from 4c. to 4¼c. per gallon for the 41-43 grade and 4⅛c. to 4⅜c. per gallon for the 42-44 grade.

DISTILLATES.—The same strength that has prevailed for the past few weeks continues but some spot offerings appeared this week due to the extended warm temperatures. It was easier to buy for spot delivery this week for all grades of which the No. 2 was the most active. Quotations range from 3⅞c. to 4c. for No. 1 prime white 38-40 to No. 2 straw at 3¾c. to 3⅞c. per gallon. Gas oil appeared to be heavy as offerings by brokers were more freely made at 3½c. to 3⅝c. per gallon.

FUEL OILS.—There is very little bidding for residuals. Railroad buyers which were bidding premiums above the ruling quotations are now attempting to buy under the market which is about 78c. per barrel based on the percentage of crude. Some offerings below this price are reported and spot quotations are about 75c. to 80c. per barrel with most of the trading going at the lower level. The 24-28 high and low cold tests remain unchanged at 90c. to 95c. per barrel respectively and $1.07½ to $1.12½ per barrel.

LUBRICANTS.—The market tone is firm and movement of products remains at a high level. Prices this week are unchanged and the position of all grades appears strong at the lower levels established last week.

Chicago, Oct. 7.—Lower prices for some grades of gasoline are reported in the tankcar market, following increased offerings of material from various sources. The tone of the market now is somewhat easier than it has been in a long period, incident to the passing out of the season of most intensive demand for motor fuel. Even a strong natural gasoline market is not aiding the refinery product. Kerosene is holding up well on a comparatively good demand. It is carrying tractor fuels along with it. Range oil is firm, as are distillates and gas oils. Heavy fuels are beginning to sag, with demand sliding off somewhat. The lubricating oil market is reported spotty, and inclined to weakness.

GASOLINE.—Low octane motor, 4⅞c. to 5c. per gallon; 63-66, octane, 5⅜c. to 5½c.; 67-69 octane, 5⅝c. to 5¾c.; high octane motor, 6c. to 6⅛c.

KEROSENE.—42-44, water white, 4¼c. to 4½c. per gallon; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—No. 1 prime white, 4c. to 4⅛c. per gallon; No. 1 straw, 3¾c. to 3⅞c.; No. 2 straw, 3⅝c. to 3¾c.; No. 2 dark, 3⅜c. to 3½c.; No. 3, low cold test, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 3c. to 3⅛c.

FUEL OILS.—No. 4, $1.07½ to $1.12½ per barrel; No. 5, 85c. to 90c.; No. 6, 80c. to 85c.

New Orleans, Oct. 5.—The domestic market held its own again this week, with quotations remaining at a steady level. Foreign inquiries and exports were both good. U. S. motor gasoline was quoted at 6½c.; U. S. motor below 62 octane at 6½c.; 63-67 octane at 6⅞c. and 68-70 octane at 7¼c., all prices per gallon at refinery.

Kerosene continued firm at 7⅜c. per gallon at refinery.

Demand was good on Bunker C fuel oil at $1.05 per barrel at terminal and $1.10 per barrel delivered alongside. Industrial plans in this vicinity were quoted at $1.46 per barrel, delivered.

Essential Oils

Aromatic Chemicals

(Continued from page 54)

Diphenyl Oxide.—Trading was mainly in smaller quantities. Large buyers were said to be well supplied for the most part and hence their activity was limited to a substantial extent. Prices remained firm in keeping with moderate opportunity for competitive developments.

Ethyl Vanillin.—A steady flow of production to buyers was noted. Most sales involved moderate quantities, but there was a normal amount of such activity and the market as a whole reflected that condition by prices remaining very firm in all quarters.

Eucalyptol.—The active season spread ahead and trade has already broadened to some extent. Because of the basic position occupied by raw material, prices on the derived material were in similar situation and undertones were very steady.

Eugenol.—Lower quotations on raw material have not found reflection in the quotations on this item. On the contrary, the market seemed to be very steady, backed by a normal demand from manufacturing and other consumers.

Geraniol.—Business was quiet. Buyers' requirements did not build a large volume of transactions. On the contrary, volume was of conservative size, yet, also, was about level with the movement in recent weeks. Prices were quiet and steady.

Geranyl Acetate.—Very good demand was noted. Orders for moderately sized quantities were numerous and came in company with some calls that were fairly substantial in size. Prices were firmer.

Hydroxycitronellal.—Demand for this product were steady, well maintained at the volume noted in recent weeks, and productive of well stabilized as well as firm prices for all qualities of merchandise.

Marihuana Regulations Issued by U.S. Bureau

WASHINGTON, Oct. 4, 1937.

General regulations covering the production, compounding, and sale of preparations containing marihuana (cannabis) were issued today by the Bureau of Narcotics of the Treasury Department under the marihuana tax act of 1937.

The regulations, which are quite lengthy and detailed, follow in general the form of the regulations under the Harrison narcotic act. All druggists, drug manufacturers, and others subject to the law must file applications for registration before October 16, and it is understood that a large number of drug concerns are rapidly closing out their stocks of marihuana preparations prior to this date rather than become subject to the law.

Annual taxes are $24 for manufacturers, $3 for dealers, and $1 for producers, physicians, laboratories, and other persons. Retail druggists who have paid a tax as dealers do not incur liability as manufacturers or compounders in compounding marihuana preparations to fill legitimate prescriptions, even though the preparations are compounded in advance of receipt of prescriptions, so long as they are used for prescription purposes only. Laboratories, hospitals, colleges, and other institutions which use marihuana for any purpose are subject to registration and tax. Traveling salesmen who merely solicit orders and forward them to their principals are not required to register or pay any tax.

All sales of marihuana preparations must be made on official order blanks except that no special form is provided for physicians' prescriptions. Sales of hempseed to registered persons do not require official order forms. Registered druggists may sell prescriptions for marihuana preparations written by licensed physicians, and such prescriptions must be handled and records kept in the same way as other narcotic prescriptions. Producers, manufacturers, and retailers are required to keep inventories on records in the form prescribed in detail by the regulations.

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(Continued from October 4 issue)

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Glycerin formate
Glycerin maleate
Glycerin monoformate
Glycerin nitrate
Glycerin oxalate
Glycerin phthalate
Glycerin succinate
Glycerin triacetate
Glycerin paratoluenesulphonate
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Glyceryl tricarbonate
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Guanidin
Guanidin nitrate
Heptyl 2-benzoylbenzoate
Hexachloroethane
Hexadecyl alcohol
Hexahydro-orthocresol
Hydropalat AB
Hydrophthalic acid dibutylester
Hydrophthalic acid diethylester
Hydroquinone
Hydroxyethyoxydiethyl monoacetate
Hydroxyethyoxydiethyl phthalate
Indene
Isoamyl benzylbenzoate
Isoamyl benzoylglycollate
Isoamyl resinate
Isoborneol butyrate
Isoborneol formate
Isoborneol oxalate
Isoborneol salicylate
Isobutyl benzoate
Isobutyl glycollate
Isobutyl phthalate
Isobutyl tartrate
Isopropyl resinate
Kronilyn
Kronite
Kronitex
Kronitone
Lactanilide
Lactylamidophenyl amylcarbonate
Lactylamidophenyl ethylcarbonate
Lactylamidophenyl isobutylcarbonate
Lactylamidophenyl methylcarbonate
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Levulose ditartrate
Levulose pentacetate
Levulose tetratartrate
Levulose triacetate
Linalyl acetate
Lindol
Linseed oil
Maisine
Mannol
Menthol ethoxyacetate
Menthol ethoxychloroacetate
Menthol methoxyacetate
Menthol methoxychloroacetate
Menthyl acetate
Metadinitroxylene
Methoxyacetylmenthol
Methoxyacetylsantalol
Methoxyethyl phthalate
Methyl abietate
Methyl acetylsalicylate
Methyl adipinate
Methyl azaelate
Methyl carbamate
Methyl carbanilate
Methyl dicresylphosphate
Methyl dinaphthylphosphate
Methyl diphenylphosphate
Methyl furoate
Methyl glycollate
Methyl oleate
Methyl oxalate
Methyl oxanilate
Methyl phthalate
Methyl phenoxyethylphthalate
Methyl phosphate
Methyl pimelate
Methyl sebacate
Methyl stearate
Methyl suberate
Methylacetanilide
Methylacetyltrichloroanilide
Methylanilide
Methylanilide phosphate
Methylbenzyl ether
Methylcyclohexanol
Methylcyclohexanol oxalate
Methylcyclohexanol stearate
Methylcyclohexyl acetate
Methylcyclohexyl adipinate
Methylcyclohexyl phthalate
Methylcyclohexylcarboxylic acid
Methyl-3:4-diamidobenzoic acid
Methyldiphenylurea
Methyleneglycerol
Methylenethylenic glycerol
Methylethenyltrichloramidin
Methylglycol acetate
Methylglycol phthalate
Methylhydroxynaphthyl ketone
Methylisopropylcyclohexane
Methylisopropylcyclohexanone
Methylketobutanol
Methylnaphthyl ether
Methylnaphthyl ketone
Methyloxynaphthyl ketone
Methylpentachloroanilide
Methylphenylurea
Methylphenyluretane
Methylphthalyl ethylglycollate
Methyltetrachloroanilide
Methyltrichloroanilide
Methylurea nitrate
Methylxylenesulphonamide, normal
Mollit 1, A
Monoacetin
Monoacetochlorhydrin
Monochlorobenzylidene diacetate
Monochloronaphthalene
Monoethylacetyltrichloroanilide
Monomethylenesulphonamide
Mononitromonochlorhydrin
Naphthalene
Naphthalene benzylnitrochloride
Naphthalene bromide
Naphthalene chloride
Naphthalene nitrobromide
Naphthalene nitrochloride
Naphthalene trichloride
Naphthalenedimethylsulphonamide
Naphthaleneethylsulphonamide
Naphthol
Naphthyl acetate
Naphthyl benzoate
Naphthyl carbonate
Naphthyl diamylphosphate
Naphthyl ether
Naphthyl phosphate
Naphthyl propionate
Naphthyl thiophosphate
Naphthylanilide
Naphthylanilide phosphate
Naphthyldihydrocarvone
Naphthylphenyl ether
Naphthylphosphoricdianilide
3-Nitro-4-acetamidobenzoic acid
Nitroacetylcellulose
Nitrobenzoyl nitrate
Nitrobutylcellulose
Nitrocymene
Nitroglycerin
Nitroisobutylglycerol trinitrate
Nitronaphthalene
Nitronaphthyl acetate
Nitrophenyl compounds
Nitrotoluene
Octodecyl alcohol
Octodecyl oleate
Octyl alcohol, normal
Octylphenyl ether
Orthophthalic acid diethylester
Orthophthalic acid dimethylester
Orthophthalic acid methylglycolester
Orthotoluenemethylpyrazolon
Orthotoluenesulphonamides
Oxanilide
Oxyalkyl compounds
Oxyalphyl compounds
2:3-Oxynaphthoic acid anilide
4-Oxy-1-tertiary-butylbenzene
Palatinol A, M, C, JC
Paraldehyde
Paraplex
Parachlorobenzenesulphonamide
Parachlorobenzenesulphonanilide
Paratoluene cresylsulphonate
Paratoluenesulphocresol
Paratoluenesulphodiethylamide
Paratoluenesulphoethylamide
Paratoluenesulphoethylanilide
Paratoluenesulphonamide
Paratoluenesulphonamide ethylether
Paratoluenesulphonamidoacetic acid
Paratoluenesulphonanilide
Paratoluenesulphonic acid cresylester
Paratoluenesulphonic acid ethylester
Pentacetyllevulose hexacetate
Pentacetyllevulose monoacetate
Pentacetyllevulose octacetate
Pentacetyllevulose tetracetate
Pentaerythritol acetate
Pentaerythritol benzoate
Pentaerythritol formate
Pentaerythritol maleate

(To be continued)

Fertilizer Materials

Trading Continued Very Small — Cottonseed Meal Only Item Interesting Buyers—Rains Create More Abundant Supply of Off-Color Meal

The fertilizer materials market continued in a stagnant position last week. Except for a sustained interest in cottonseed meal, buyers were little concerned with raw material problems. There was practically no movement of those commodities that are booked on an annual contract basis and the general market for organics was unusually dull. Rains in the cotton belt were creating a more abundant supply of off-color cottonseed meal and it is this commodity that harbors the attention of the purchasers.

Potash suppliers reported that the amount of salts booked under the 5 percent discount offering that was available to buyers up to the beginning of this month was negligible, a condition that was not unexpected.

Nitrate of soda, cyanamid, sulphate of ammonia and the liquids did not contain any special features during the week.

Fish products were also lacking in attention. Importers of Japanese sardine meal were unable at this time to advise the trade on possible market reactions to the international condemnation of Japan's aggression in China; last week's offering prices on shipments from the Orient were a little lower than those of the preceding week. So far as could be learned, there was no sales of domestic menhaden scrap last week.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, dom., 3 & 50 meal, Chicago, $1 per ton.

Reduced

Blood, dom., Chicago, 10c. per unit.
New York, 5c. per unit.
Bone, dom., 4½ & 50, Atlan. ports, $1 per ton.
import, 3 & 50 meal, 50c. per ton.
Fish meal, dom., Balto., $1 per ton.
Japanese sardine, shipt., 50c. per ton.
Tankage, dom., New York, 5c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.7	66.7	66.7	63.6

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—As is the usual thing around this time of the year, the buyers were not ordering much material against their contracts. The prices continued firm at the schedule levels.

Sulphate of Ammonia.—The deliveries against contracts have been fair and the general appearance of things was quite sound. The price steadiness is the market's outstanding feature.

Castor Pomace.—There has been no further change in the market since the recent reduction in the domestic price to $22 per ton at the producing points. Foreign material has not been a factor in the trading recently.

Dried Blood.—The Chicago market moved down after some of the recent activity from the feeders died down. Quotations were $3.50 per unit, compared with $3.60 per unit a week ago. The quotations in New York were 5c. per unit cheaper last week at $3.55 per unit with very little buying interest. The imported article continued without change at $3.40 per unit for October shipment.

Fish Scrap.—There was practically no activity in the menhaden scrap market last week. The latest price heard on unground was $3.40 and 10c. per unit-ton for guaranteed delivery, basis Chesapeake factories. The ground meal price in Baltimore was a little cheaper at $51 per ton against $52 per ton a week ago. Japanese sardine meal sold on spot at $46 per ton and more was available at that figure. The price for shipment from abroad was $46.50 to $47 per ton at this writing, basis c.i.f., and early in the week it had been indicated that $46 might be done on a firm bid. However, the international condemnation of Japan's aggression in China might lead to developments that would alter the character of the market. At this time, the importers were unable to give much advice on the market's possible future. The light production of sardine meal in California is disappointing to those that had expected it to appear in the Atlantic seaboard market this season.

Nitrogenous Material.—There were no new developments in the market and this commodity shared in the general quiet of things. The Western price remained at $2.40 per unit, basis producing points. The Eastern seaboard market for both domestic and imported materials was nominally posted at $3 per unit.

Tankage.—The New York market moved in an off direction but quotations elsewhere were unchanged. Ground material in New York moved down to $3.20 and 10c. per unit-ton while the unground article was off to $3.25 and 10c. per unit-ton, both representing reductions of 5c per unit-ton from a week ago. Imported material was not very active and the quotations continued around $3.50 and 10c. per unit-ton.

Potashes

The amount of potash salts booked at the 5 percent discount rate which was available to buyers up to a week ago was reported by sellers as having been negligible. The trade was fairly well covered at the larger discounts available previously and now with a dimmed sales outlook for the Spring season some of the buyers preferred to wait until closer to consuming time to determine whether or not additional supplies will be necessary. The prices are now at full list.

London, Sept. 25.—Britain's consumption of potassic fertilizers increased considerably, according to the import statistics for the year ended July 31, 1937. Imports of potassium sulphate in this period amounted to 45,000 tons, against 34,000 tons in the preceding twelve months. Imports of potassium chloride rose to 66,000 tons in the same period, compared with 56,000 tons.

On the other hand, the demand for kainit and other low-grade potassium salts declined, imports falling from 85,000 tons to 68,000 tons. Thus the quantity of potassic salts imported by Britain remained about the same as last year, but the value increased due to the larger share of concentrated fertilizers in the total and the advance in potash prices.

Phosphates

Phosphate materials shared in the general quiet of the market. There was little trading in any of the commodities included in this division of the market. Quotations for 3 & 50 bone meal were higher in the Chicago market, but the imported article was cheaper in price last week. A reduction in the Atlantic seaboard price of domestic 4½ & 50 raw bone was the only other change recorded.

Bone Materials.—Imported 3 & 50 meal was quoted at $25.50 per ton, a reduction of 50c. per ton from the asked price a week ago. The Chicago market for 3 & 50 was quoted higher at $23 to $24 per ton, an advance of $1 over a week ago. The domestic 4½ & 50 raw bone was quoted at $31 per ton, c.i.f. Atlantic ports, a decline of $1 per ton from previous quotations.

Superphosphate. — There has been some improvement in the movement of material as some of the producers were beginning their basing operations. The price situation continued firm at $8.50 per ton for the run of the pile, basis 16 percent, and $9 per ton for guaranteed 16 percent material, basis Baltimore.

Sulphur and Pyrites

The producers reported an even sort of business. Through the remainder of this month, the sellers of sulphur expected to be busy shipping supplies via waterways that ordinarily are closed to marine traffic during the Winter months. The price situation continued steady and unchanged.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

A tax measure has been introduced in the Texas legislature and has been reported favorably by the House committee on revenue and taxation, to increase the severance tax on sulphur from the present rate of $1.03 per ton to $1.50 per ton. The measure is an omnibus bill.

Markets at Other Centers

Atlanta, Oct. 7.—Dealers in fertilizer materials reported very little buying interest. Light business for Fall planting was still moving but nearing an end.

All materials with scheduled prices are firm though there is very little buying interest. Cottonseed meal continues to dominate the organic ammoniate market. Efforts to get the Federal government to raise the price have received no encouragement and meal continues weak.

Rains have been general and were very heavy in portions of the cotton belt, interfering with harvesting and promising more damp seed and off-color meal. The fertilizer trade, as a result, is getting very few inquiries for organic ammoniates other than cottonseed meal.

Quotations of this market were as follows:—

SUPERPHOSPHATE.—$9.60 per ton, interior producing points.

NITRATE OF SODA.—$27 per ton, bulk, f.o.b. ports.

SULPHATE OF AMMONIA.—$28.50 per ton, port basis.

COTTONSEED MEAL.—$20 per ton, interior mill points.

NITROGENOUS.—$2.40 per unit, midwest; $3, port basis.

TANKAGE.—$3.60 and 10c. per unit, Chicago.

BLOOD.—$3.40 per unit, Chicago and ports.

BONE.—Ground, steam bone, 3 and 50 at $23 to $24 per ton, Chicago.

Baltimore, Oct. 7.—Fall business began late and has failed to pick up as it progressed. Demand for crude materials has lagged. Little interest in offerings is being manifested now. Figures were named as follows:—

FISH SCRAP.—The catch continued light, with rainy weather during the last two days a further handicap upon the activities of the fleet in the lower Chesapeake Bay and outside the Virginia capes. Moreover, the fish caught are small. West Coast sardine meal was named at $50 per ton delivered in the middle West. Japanese sardine meal was quoted at $46.50 per ton for shipment.

TANKAGE.—$3.25 and 10c. per unit-ton, c.a.f. basis Baltimore.

BLOOD.—$3.25 per unit, c.a.f. Baltimore.

SUPERPHOSPHATE. — Nominal figures were $8.50 per ton for run of pile and $9 per ton for 16 percent guaranteed.

GARBAGE TANKAGE.—$9 per ton at shipping point, which makes the market here approximately $13 per ton.

BONE.—The latest figures named are around $23 per ton for bone flour, with 3 and 50 ground steamed stocks at $26 per ton for shipment c.i.f. and 5 and 40 meal $30 per ton shipment c.i.f., while 4½ and 50 ground raw stocks are priced at $36 per ton.

Chicago, Oct. 7.—Trade was moderate and little changed. Buying has been rather spotty, however, as the trade apparently has not known what to expect, in the way of fundamental trade developments. For this reason, considerable caution continues to be exhibited. Prices have shown no major trend, but are showing some irregularity at this time. Blood is in fair call, on the whole. Tankage business is reported moderate. Bone materials have shown little in the way of feature.

BLOOD.—Principal grade, $3.30 to $3.50 per unit of ammonia.

TANKAGE.—High grade, $3.15 to $3.30 and 10c.; low grade, $20 to $22.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $20 to $22; 3 and 50 percent, $23 to $24; 4½ and 50 percent, $29 to $30; grinding hoofs, pigs' toes and waste horn materials, $24 to $26; junk and hotel kitchen bones, $20 to $22; cattle jaws, skulls and knuckles, $30 to $32; pork cracklings, soft pressed, $45 to $50; beef cracklings, soft pressed, $35 to $40; hard pressed cracklings, per unit of protein. 60c. to 65c.

San Francisco, Oct. 6.—There has been nothing particularly new injected into the crude fertilizer materials picture since a week ago. Conditions are rather quiet at the moment in most lines, the only real activity noted being the delivery of goods previously contracted for. There remains in the market some inquiry for sulphate of ammonia, which sellers are evidently turning down because of lack of supplies, but this condition is by no means acute. There is a little call for nitrate of soda on the spot. Blood and tankage are occasionally called for, but the movement is not of much consequence and market prices on those products developed no change last week. Fish meals are quiet; for one reason production is only about 50 percent that of last year to this date and sellers are not forcing the material on the market.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28.30 per ton; bulk lots, $27 per ton, all ex-vessel San Francisco/Oakland.

SULPHATE OF AMMONIA.—Sellers of Pacific Coast and Canadian production have withdrawn from the market.

AMMONIA PHOSPHATE.—Sellers have withdrawn from the market.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags quoted at from 80c. to 85c. per unit. Foreign material nominal.

FISH MEAL.—California sardine meal for delivery from production out of current season quoted on the spot at $37 per ton; future delivery named at $36.50 per ton, f.o.b. cars, San Francisco/Monterey.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted at $3.05 and 10c. per unit-ton, nominally, f.o.b. cars, Los Angeles. Dry rendered, ground, quoted at 76c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c.

BONE MEAL.—Domestic and imported steam bone meal, quoted in range, according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic quoted nominally at $2.95 per unit, f.o.b. cars, Los Angeles.

James E. Totman, president of the Summers Fertilizer Company, Baltimore, returning from a two months' trip in Europe, with his wife and daughter, said there was a decided feeling of uncertainty among distributors of fertilizer materials in France, and a measure of uneasiness over the outlook.

Fertilizer grades for Delaware, Maryland, Pennsylvania, Virginia, and West Virginia were tentatively adopted at a conference of agronomists from these States in Washington, September 28, under the auspices of the National Fertilizer Association. Final recommendations, representing substantial coordination of grades, are expected to be ready within a short time.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

CRUDE SULPHUR
99½% PURE
Free From
ARSENIC, SELENIUM AND TELLURIUM
•
TEXAS GULF SULPHUR COMPANY
(INCORPORATED)
75 East 45th St., New York City
Deposits and Plants: Newgulf and Long Point, Texas

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ACETIC—5 cs, American Trader, London
CRESYLIC—45 dms, Crowley Tar Prod Co, American Shipper, Manchester
47 dms, Monsanto Chem Co, American Shipper, Liverpool
FATTY—58 bbls, I R Boody & Co, Lehigh, Hull
54 bbls, Lehigh, Hull
GALLIC—10 cks, Riedel de Haen, New York, Hamburg
SARDINE OIL—2 dms, Cuban American Manganese Corp, Volendam, Rotterdam
SOYBEAN OIL—65,461 kilos, Black Hawk, Rotterdam
SPERM OIL—26 bbls, G A Wharry & Co, Volendam, Rotterdam
110 bbls, Woburn Degreasing Co, Volendam, Rotterdam
TANNIC—20 kgs, American Dyewood Co, Transylvania, Glasgow
AGAR AGAR—10 bls, Consumers Import Co, Kano, Yokohama
ALBUMEN, BLOOD — 9 bbls, Morningstar Nicol, New York, Hamburg
ALMOND MEAL—12 bbls, American Trader, London
ALOE—5 cs, Curacao Trading Co, Stuyvesant, Curacao
ALUMINUM LEAF—140 cs, Globe Shipping Co, New York, Hamburg
112 cs, Rohner Gehrig & Co, New York, Hamburg
134 cs, Ile de France, Havre
AMMONIA, CARBONATE—10 cs, 1 ton, 1 cwt, 2 qtrs, 19 lbs, Jos Turner & Co, Scythia, Liverpool
PERCHLORATE—100 cs, International Selling Corp, Independence Hall, Havre
SULPHATE — 500 bgs, Bradley & Baker, Tiradentes, Rotterdam
AMMONIAC, SAL—25 cs, 1 ton, 10 cwt, 1 qtr, 12 lbs, Solvay Sales Corp, Scythia, Liverpool
ANISE, STAR—52 bgs, Exochorda, Marseilles
ANTIMONY, ORE — 298 bgs, Philipp Bros, Santa Barbara, Arica
2,225 bgs, Bank of London South America, Santa Barbara, Arica
ARTIST'S MATERIAL—6 cs, Winsor & Newton, American Trader, London
4 cs, Favor Ruhl & Co, American Trader, London
3 cs, Gallagher & Ascher, Volendam, Rotterdam
ASPHALT—330 bgs, A V Berner & Co, Seatrain N Y, Havana
250 bgs, A V Berner & Co, Orizaba, Havana
86 cs, Wedeman & Godnecht, Ile de France, Havre
BARIUM CHLORATE—80 cs, International selling Corp, Independence Hall, Havre
BAUXITE RESIDUE—90 cks, T H Deutz, Transylvania, Glasgow
BLUE, BERLIN—2 bbls, Fezandie & Sperrle, Volendam, Rotterdam
BONES—74 bgs, Wilson & Co, Uruguayo, Buenos Aires
BORON FLUORIDE—15 cyls, Standard Oil Co of N J, Black Hawk, Rotterdam
BRISTLES—121 cs, Melcher, Inc, Noto, Harbin
60 cs, H Rosenhirsch & Co, Noto, Harbin
52 cs, H Rosenhirsch & Co, Noto, Mukden
12 cs, F H Cone & Co, Independence Hall, Havre
32 cs, American Trader, London
2 cs, M Broverman & Son, American Trader, London
86 cs, Chesnut, Cooper & Co, American Trader, London
9 cs, F H Cone & Co, Kano, Kobe
55 cs, National City Bank, Kano, Tientsin
55 cs, N Wagman, President Polk, Shanghai
BRONZE POWDER—7 cs, Hamilton Forwarding Co, Bremen, Bremen
2 cs, B F Drakenfeld & Co, Bremen, Bremen
1 cs, R F Downing & Co, Bremen, Bremen
CACTUS—11 cs, Ulua, Kingston
CALAMUS ROOT—10 bls, 2,237 lbs, R D Heins, New York, Hamburg
CAMPHOR, CRUDE—189 cs, Mitsui & Co, Noto, Keelung
REFINED—50 cs, W T Rawleigh Co, Noto, Kobe
CARAWAY SEED—100 bgs, 11,000 lbs, R L Friedler, Black Condor, Rotterdam
150 bgs, 16,500 lbs, Catz American Co, Tiradentes, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Black Hawk, Rotterdam
400 bgs, 44,000 lbs, M Witsenburg, Volendam, Rotterdam
200 bgs, 22,000 lbs, R L Friedler, Volendam, Rotterdam
100 bgs, 11,000 lbs, L Cronowitz, Volendam, Rotterdam
CARBON DECOLORIZING—2 bgs, R W Greeff & Co, New York, Hamburg
CARDAMOM—50 cs, P H Petry & Co, Musa, Puerto Barrios
6 cs, American Trader, London
20 cs, Joensson Import Co, Volendam, Rotterdam
CASCARILLA BARK—9 bls, 4 bgs, Cohen & Co, Munargo, Nassau
CASSIA—2 bls, H J Heinz Co, Noto, Hongkong
CASTOR BEANS—1,700 bgs, Baker Castor Oil Co, West Calumb, Pernambuco
1,700 bgs, West Calumb, Pernambuco
4,250 bgs, Spencer Kellogg & Sons, Boniface, Bahia
1,694 bgs, Mitsui & Co, Boniface, Bahia
10,648 bgs, Baker Castor Oil Co, Boniface, Bahia
1,670 bgs, Boniface, Bahia
1,700 bgs, Baker Castor Oil Co, Boniface, Pernambuco
3,400 bgs, Boniface, Pernambuco
1,720 bgs, National City Bank, Boniface, Ceara
2,186 bgs, Boniface, Ceara
4,372 bgs, Boniface, Camocim
4,524 bgs, Pan America, Buenos Aires
CELERY SEED—25 bgs, I Harrison & Whitney, Exochorda, Marseilles
CHALK, BLOCK — 1,750,000 kilos, Taintor Trading Co, Independence Hall, Dunkirk
PRECIPITATED — 125 bgs, 170 cks, H J Baker & Bros, Scythia, Liverpool
50 bbls, Scythia, Liverpool
CHAMOIS SKINS—1 cs, Ile de France, Havre
CHEMICALS — 4 cs, Cuno Sievers, Black Condor, Rotterdam
130 dms, Advance Solvent & Chem Co, Black Condor, Rotterdam
544 bgs, Black Condor, Rotterdam
45 bbls, Industrial Sales Corp, Black Condor, Antwerp

CHEMICALS—250 bgs, Philipp Bros, Black Condor, Antwerp
173 cks, H S Dorf & Co, Black Condor, Antwerp
454 cs, 680 bgs, Sherka Chem Co, St Louis, Hamburg
80 cks, 250 bgs, 1 cs, St Louis, Hamburg
180 cks, General Motor Corp, St Louis, Hamburg
706 bgs, St Louis, Hamburg
1,016 bgs, Advance Solvents & Chem Co, New York, Hamburg
10 cs, 698 bgs, 18 cks, New York, Hamburg
15 cks, Innis, Speiden & Co, New York, Hamburg
23 cs, Schimmel & Co, New York, Hamburg
1 cs, Allondon, S A, New York, Hamburg
10 dms, 19 cs, New York, Hamburg
10 cs, Riedel de Haen, New York, Hamburg
24 bbls, Th Goldschmidt Corp, Tiradentes, Rotterdam
28 dms, Michel Export Co, Black Hawk, Rotterdam
2 cs, Black Hawk, Rotterdam
46 cks, Jungmann & Co, Black Hawk, Rotterdam
40 cs, 50 cks, Volendam, Rotterdam
6 dms, 1 cs, Advance Solvents & Chem Co, Volendam, Rotterdam
4 bbls, Jungmann & Co, Volendam, Rotterdam
40 cks, R J Prentiss & Co, Volendam, Rotterdam
125 dms, Philip Bauer Co, Volendam, Rotterdam
9 cks, A Hurst & Co, Volendam, Rotterdam
500 bgs, Robinson-Wagner Co, Volendam, Rotterdam
54 cks, 4 cs, Volendam, Rotterdam
3 cs, Concentrate Mfg Co, Ile de Frnace, Havre
500 cs, C Tennant Sons & Co, Ile de France, Havre
5 cs, Merck & Co, Ile de France, Havre
6 pkgs, G F Doherty & Co, Ile de France, Havre
13 cks, Stanley Doggett, Bremen, Bremen
6 cs, Bremen, Bremen
CHINA CLAY—998 bgs, J Dixon Crucible Co, St Louis, Hamburg
1,075 bgs, Milton Greenebaum, St Louis, Hamburg
25 cks, E Fougera & Co, American Trader, London
448 bgs, Orbis Product Corp, Scythia, Liverpool
CHROME ORE—1,665 tons, E J Lavino & Co, Lancaster, Lourenco Marques
CINCHONA BARK—249 bgs, 17,886 lbs, Andean Trading Co, New York, Hamburg
PRODUCTS—25 cs, R W Greeff & Co, Tiradentes, Rotterdam
56 cs, R W Greeff & Co, Volendam, Rotterdam
CINNABAR—10 bbls, A Hurst & Co, Exochorda, Leghorn
CLAY—250 bgs, L A Salomon & Bros, New York, Hamburg
16 cks, A Hurst & Co, Tiradentes, Rotterdam
264 cks, Milton Greenebaum, Tiradentes, Rotterdam
146 cks, J Dixon Crucible Co, Volendam, Rotterdam
COALTAR, DERIVATIVES—36 dms, 12 cks, 2 cs, General Aniline Works, Volendam, Rotterdam
INTERMEDIATES—1 cs, General Dyestuff Corp, New York, Hamburg
52 dms, 30 cks, General Aniline Works, Volendam, Rotterdam
241 dms, 32 cks, 1 jug, General Dyestuff Corp, Volendam, Rotterdam
5 dms, General Dyestuff Corp, Bremen, Bremen
14 dms, Sandoz Chem Works, Bremen, Bremen
PRODUCT—6 cs, Allondon S A, New York, Hamburg
COBALT, METAL—90 cks, Central Trading Corp, Mercier, Antwerp
COCA LEAVES — 67 bls, Maywood Chem Works, Santa Barbara, Salaverry
COCOA BEANS—122 bgs, W & A Leaman, Colombia, Cape Haitien
50 bgs, J L Hatchman, Colombia, Cape Haitien
3,700 bgs, J Aron & Co, Boniface, Bahia
5,000 bgs, W R Grace & Co, Boniface, Bahia
3,000 bgs, W Bartholomew & Co, Boniface, Bahia
2,000 bgs, Rockwood Co, Boniface, Bahia
450 bgs, Buenaventura, Cristobal
55 bgs, Lopez & Megual, Santa Barbara, Guayaquil
1,000 bgs, Santa Barbara, Guayaquil
1,346 bgs, W & A Leaman, Black Hawk, Rotterdam
550 bgs, Fruit Dispatch Co, Peten, Havana
50 bgs, Curacao Trading Co, San Jacinto, Puerto Plata
50 bgs, Curacao Trading Co, Ponce, Puerto Plata
200 bgs, Caracas, La Guayra
470 bgs, W R Grace & Co, Pan America, Port Spain
200 bgs, Ulua, Cristobal
COCONUTS—800 bgs, 80,000 lbs, Standard Fruit & S S Co, Amapala, La Ceiba
3,000 bgs, 300,000 lbs, General Foods Corp, Musa, Porto Castilla
130 bgs, 13,000 lbs, General Foods Corp, Colombia, Cristobal
500 bgs, 50,000 lbs, J A Manton, Colombia, Kingston
1,000 bgs, 100,000 lbs, I L Toledano Corp, Colombia, Kingston
119 bgs, 11,900 lbs, Manufacturers Trust Co, Colombia, Kingston
500 bgs, 50,000 lbs, A A Lindo & Co, Colombia, Kingston
250 bgs, 25,000 lbs, G W Cole & Co, Colombia, Kingston
5,253 bgs, 525,300 lbs, General Foods Corp, Colombia, Kingston
1,100 bgs, 110,000 lbs, I L Toledano Corp, Buenaventura, Cristobal
72 bgs, 7,200 lbs, Simons & French Co, Coamo, San Juan
10 bgs, 1,000 lbs, J E Garcia, Coamo, San Juan
1,770 bgs, General Foods Corp, Ulua, Kingston
COLORS—2 bbls, R F Downing & Co, New York, Hamburg
2 cks, Stanley Doggett, Ile de France, Havre
10 cks, 1 cs, Kentler Bros, Gerolstein, Antwerp
CADMIUM—5 dms, Hensel, Bruckmann & Lorbacher, New York, Hamburg
COALTAR—6 cks, General Dyestuff Corp, Tiradentes, Rotterdam

COLORS, DRY—1 keg, Pittsburgh Plate Glass Co, American Trader, London
EARTH—111 cks, Reichard-Coulston, Volendam, Rotterdam
PIGMENT—2 jugs, General Dyestuff Corp, Volendam, Rotterdam
CORK—19 bls, Rohner, Gehrig & Co, Ile de France, Havre
CRESOL—10 kegs, Monsanto Chemical Co, American Shipper, Liverpool
CRYOLITE—24 bgs, Karr, Ellis & Co, American Trader, London
DANDELION ROOT—24 bgs, 4,380 lbs, R D Heins, New York, Hamburg
DEBUTYLAMIN—8 cks, Advance Solvents & Chemical Co, Gerolstein, Antwerp
DERRISROOT—1 pkg, Webbal Service Co, Silverwalnut, Singapore
DEXTRIN—200 bgs, American Cyanamid & Chem Co, Volendam, Rotterdam
DICHLORAETHYLENE—10 cks, Advance Solvents & Chem Co, Gerolstein, Antwerp
DISINFECTANT—2 cs, American Trader, London
DRUGS—2 cs, American Trader, London
DUTCH METAL—2 cs, B F Drakenfeld & Co, Bremen, Bremen
DYES, ALIZARIN—14 cks, 22 jugs, 42 dms, General Dyestuff Corp, Volendam, Rotterdam
2 cks, General Dyestuff Corp, Bremen, Bremen
ANILIN—8 cks, Fulton Dye & Import Co, Normandie, Havre
10 dms, Sandoz Chem Works, New York, Hamburg
34 cks, 1 pkg, General Dyestuff Corp, New York, Hamburg
23 cks, Fulton Dye & Import Co, Manhattan, Havre
9 cks, L & R Organic Prod Co, Tiradentes, Rotterdam
7 cks, L & R Organic Prod Co, Volendam, Rotterdam
20 bbls, Geigy Co, Ile de France, Havre
39 pkgs, Ciba Co, Ile de France, Havre
51 pkgs, Carbic Color & Chem Co, Ile de France, Havre
60 cks, Fulton Dye & Import Co, Ile de France, Havre
60 cks, 20 dms, 7 jugs, General Dyestuff Corp, Volendam, Rotterdam
24 cks, Ciba Co, Bremen, Bremen
21 dms, Sandoz Chem Works, Bremen, Bremen
1 cs, 23 cks, 2 dms, General Dyestuff Corp, Bremen, Bremen
DYEWOOD, CUTTED—10 bgs, Peek & Velsor, Saturnia, Trieste
EGG, YOLK, HEN—56 cs, Stein, Hall & Co, Kano, Tientsin
ERGOT—60 cs, S B Penick & Co, Black Condor, Antwerp
FERTILIZER—117,920 kilos, W H Muller & Co, Black Condor, Antwerp
FILTER COMPOUND—30 cs, 40 bls, H Reifenberg, New York, Hamburg
PAPER—22 cs, New York, Hamburg
1 cs, Heemsoth, Kerner Corp, Manhattan, Havre
18 cs, H Reeve, Angel & Co, American Trader, London
FLAXSEED—7,013,700 kilos, 280,549 bus, Archer Daniels Midland Co, Uruguayo, Buenos Aires
100 tons, 4,000 bus, Bunge North American Grain Co, Pan America, Buenos Aires
902 bgs, 1,984 bus, Bunge North American Grain Co, Pan America, Buenos Aires
1,500 tons, 60,000 bus, L Dreyfus & Co, Pan America, Buenos Aires
FLEASEED—50 bgs, R J Prentiss & Co, Exochorda, Marseilles
50 bgs, A Champon, Exochorda, Marseilles
465 bgs, President Polk, Bombay
100 bgs, S B Penick & Co, President Polk, Marseilles
GAMBIER—340 cs, Chase Natl Bank, Adrastus, Penang
685 cs, Adrastus, Belawan Deli
GELATIN—24 cs, Paul Drey, Volendam, Rotterdam
POWDERED—141 bgs, 19 bbls, R D McLellan, Volendam, Rotterdam
115 bgs, Gerolstein, Antwerp
1 cs, International Selling Corp, Gerolstein, Antwerp
SHEET—12 cs, American Express Co, Volendam, Rotterdam
GENTIAN ROOT—83 bls, R J Prentiss & Co, Saturnia, Dubrovnik
GINGER ROOT—22 bbls, J A Manton, Colombia, Kingston
34 bgs, Coamo, San Juan
150 bgs, Barclay Bank, Ulua, Kingston
GLASS, PLATE—57 cs, Globe Shipping Co, New York, Hamburg
5 cs, Globe Shipping Co, Manhattan, Hamburg
5 cs, Edual Co, Scythia, Liverpool
WINDOW—6 cs, Leo Popper & Son, Manhattan, Hamburg
16 cs, Semon, Bache & Co, Manhattan, Hamburg
500 cs, Vitrea Co, Manhattan, Hamburg
GLAUBER'S SALT—500 bgs, St Louis, Hamburg
GLUE—450 bgs, Saturnia, Trieste
BONE—75 bgs, New York, Hamburg
GLUESTOCK—450 bgs, American Express Co, Scythia, Liverpool
GLYCERIN—1 car, Colgate Palmolive Peet Co, Seatrain New York, Havana
GRAHPITE—286 bgs, J F Starkey & Co, Silverwalnut, Colombo
276 bgs, Bank of Manhattan, Silverwalnut, Colombo
1 bbl, American Express Co, Ile de France, Havre
276 bgs, Bank of Manhattan, President Polk, Colombo
GREASE, WOOL—170 bbls, 30 dms, Davies, Turner & Co, American Shipper, Manchester
GUAPI BARK—110 bls, E Mosheim & Co, New York, Hamburg
GUM—6 bgs, Gallagher & Ascher, Volendam, Rotterdam
31 bls, Chicle Development Co, Pan America, Port Spain
ARABIC—100 bgs, S B Penick & Co, St Louis, Hamburg
25 bgs, St Louis, Hamburg
COPAL—90 bgs, Gillespie-Rogers-Pyatt Co, Black Condor, Antwerp
200 bgs, Stroock & Wittenberg, Mercier, Antwerp
100 bgs, Thurston & Braidich, Mercier, Antwerp
160 bgs, France, Campbell & Darling, Mercier, Antwerp
100 bgs, O G Innes Corp, Mercier, Antwerp
70 bgs, American Cyanamid & Chem Co, Silverwalnut, Singapore
175 bgs, Gillespie-Rogers-Pyatt Co, Silverwalnut, Singapore
20 bgs, Hanson & Orth, President Polk, Manila
DAMMAR — 100 cs, 100 bgs, Thurston & Braidich, Adrastus, Batavia

GUM, DAMMAR—70 bgs, O G Innes Corp, Silverwalnut, Singapore
25 cs, W H Scheel, Silverwalnut, Singapore
50 cs, American Cyanamid & Chem Co, Silverwalnut, Singapore
50 cs, Gillespie-Rogers-Pyatt Co, Silverwalnut, Singapore
420 bgs, Gillespie-Rogers-Pyatt Co, President Polk, Singapore
50 cs, American Cyanamid & Chem Co, President Polk, Singapore
280 bgs, France, Campbell & Darling, President Polk, Singapore
210 bgs, Stroock & Wittenburg, President Polk, Singapore
384 bgs, 13 cs, S Winterbourne & Co, President Polk, Singapore
50 cs, Chase National Bank, President Polk, Singapore
280 bgs, President Polk, Singapore
GAMBOGE—6 cs, Silverwalnut, Singapore
KARAYA—190 bgs, Paul A Dunkel & Co, President Polk, Bombay
66 bgs, A D Isbetcherian, President Polk, Bombay
66 bgs, Jacques Wolf & Co, President Polk, Bombay
134 bgs, Frank Vliet Co, President Polk, Bombay
179 bgs, Innis, Speiden & Co, President Polk, Bombay
468 bgs, F W Mead & Co, President Polk, Bombay
1 cs, President Polk, Bombay
OLIBANUM—40 bgs, F W Mead & Co, President Polk, Bombay
67 bgs, A D Isbetcherian, President Polk, Bombay
PERILLA—54 bls, L A Dreyfus Co, Santa Barbara, Cristobal
RED—2 cs, American Trader, London
TRAGACANTH — 5 bgs, American Trader, London
80 bgs, E Meer & Co, President Polk, Bombay
80 bgs, President Polk, Bombay
GYPSUM—4,800 tons, U S Gypsum Co, Gypsum Empress, Windsor
521 bgs, Whittaker, Clark & Daniels, American Shopper, Liverpool
HERBS, MEDICINAL—12 bgs, St Louis, Hamburg
30 bls, 11,000 lbs, New York, Hamburg
38 bls, S Kantoro, Minnequa, Gdynia
24 bls, S B Penick & Co, Saturnia, Trieste
4 bls, Peek & Velsor, Saturnia, Trieste
68 bls, Saturnia, Trieste
19 bls, Gerolstein, Antwerp
20 bls, S B Penick & Co, Gerolstein, Antwerp
12 bls, J Personeni, President Polk, Marseilles
HOPS—300 bls, S S Steiner, St Louis, Hamburg
80 bls, Bode & Voigt, New York, Hamburg
385 bls, S S Steiner, New York, Hamburg
30 bls, J D Smith & Co, New York, Hamburg
25 bls, Globe Shipping Co, New York, Hamburg
14 pkgs, Manhattan, Hamburg
IPECAC ROOT—24 bgs, Peten, Port Limon
IRISH MOSS—503 bls, Ile de France, Havre
IRON, CHLORIDE—125 cks, 62.425 lbs, Philipp Bros, New York, Hamburg
ORE—45 dms, Reichard-Coulston, American Shipper, Liverpool
4,850 tons, Bethlehem Steel Co, Gera, Trinidad
OXIDE—75 cks, Robinson-Wagner Co, Tiradentes, Rotterdam
6 cks, Stanley Doggett, Tiradentes, Rotterdam
225 bgs, T H Deutz, Tiradentes, Rotterdam
24 cks, Reichard-Coulston, Tiradentes, Rotterdam
24 cks, Reichard-Coulston, Tiradentes, Rotterdam
27 cks, C J Osborn & Co, American Trader, London
10 cks, J A McNulty, American Shipper, Manchester
25 cks, Reichard-Coulston, Volendam, Rotterdam
ISINGLASS—10 cs, C H Reisig, American Trader, London
JALAP ROOT—16 bls, Orizaba, Vera Cruz
KOLA NUTS—12 bgs, R D Heins, St Louis, Hamburg
34 bgs, Barclay Bank, Ulua, Kingston
30 bgs, D Steengrafe, Ulua, Kingston
LEAVES, MEDICINAL — 6 bgs, Exochorda, Marseilles
10 bls, Peek & Velsor, President Polk, Marseilles
66 bgs, Seek & Kade, President Polk, Marseilles
LECITHINE—25 cs, 963 lbs, Fries Bros, New York, Hamburg
LICORICE, ROOT—20 bls, J L Hopkins & Co, New York, Hamburg
LITHOPONE—400 cks, Benj Moore & Co, Volendam, Rotterdam
LOCUST BEANS—100 bgs, Thurston & Braidich, Exochorda, Marseilles
LOOFAH—2 bls, E W Kole, Kano, Kobe
MAGNESIA—20 cs, Schofield, Donald Co, Scythia, Liverpool
CALCINED—20 cs, Schofield, Donald Co, American Shipper, Liverpool
CARBONATE—100 cs, Schofield, Donald Co, American Shipper, Liverpool
50 cks, Schofield, Donald Co, Scythia, Liverpool
MAGNESITE, BURNT — 5,940 bgs, Amtorg Trading Co, Kalinin, Leningrad
MANGROVE BARK EXTRACT—1,500 bgs, Silverwalnut, Singapore
4,161 bgs, Philippine Cutch Corp, President Polk, Manila
MATCHES, SAFETY—500 crtns, Johnson & Co, Manhattan, Hamburg
5,000 ctns, N Y Match Co, Kungsholm, Gothenburg
MEDICINAL PREPS—15 cs, E Fougera & Co, Normandie, Havre
11 cks, Hoffmann La Roche, Normandie, Havre
10 cs, J Personeni, Exochorda, Genoa
7 cs, Burroughs, Wellcome & Co, American Trader, London
50 cks, Volendam, Rotterdam
37 cs, G J Wallau, Ile de France, Havre
MENTHOL—25 cs, C L Huisking & Co, Noto, Kobe
MICA—20 cs, Ile de France, Havre
41 cs, Pan America, Rio de Janeiro
RESIDUE—3 cs, Pan America, Rio de Janeiro
MILLET SEED—200 bgs, H Schoenfeld & Son, New York, Hamburg
MINERALS—610 bgs, National Lead Co, Pan America, Buenos Aires
407 bgs, Watson, Geach & Co, Pan America, Buenos Aires
MOLASSES—4,910 tons, Athelmonarch, Semarang
8,307 tons, Athelmonarch, Sourabaya
MURU MURU KERNELS—1,770 bgs, National City Bank, Boniface, Para
MUSTARD SEED—300 bgs, Manhattan, Hamburg
150 bgs, B H Old & Co, Volendam, Rotterdam

NAPHTHALENE—1,622 bgs, F B Bertrand, Black Condor, Rotterdam
578 bgs, Calco Chemical Co, Black Condor, Rotterdam
4 bgs, Amtorg Trading Corp, Kalinin, Leningrad
75 bgs, F B Bertrand, Waukegan, Liverpool
NUTS, MEDICINAL—57 bgs, New York, Hamburg
OCHER—300 bgs, 10 cks, Scott L Libby Corp, Exochorda, Marseilles
200 bgs, 80 cks, Reichard Coulston, Exochorda, Marseilles
OIL, ALMOND—25 cs, Exochorda, Marseilles
CAMPHOR — 50 dms, Givaudan-Delawanna, Noto, Keelung
5 dms, Takamine Corp, Noto, Keelung
15 dms, Norda Essential Oil & Chem Co, Noto, Keelung
25 dms, Norda Essential Oil & Chem Co, Noto, Yokohama
15 dms, Givaudan-Delawanna, Noto, Yokohama
2 dms, Magnus, Mabee & Reynard, Noto, Yokohama
50 dms, Givaudan-Delawanna, Kano, Keelung
CARAWAY—2 dms, Dodge & Olcott Co, Tiradentes, Rotterdam
CASHEW SHELL — 1 cs, President Polk, Bombay
CASSIA—10 dms, Norda Essential Oil & Chem Co, Noto, Hongkong
10 dms, Bingham & Co, Noto, Hongkong
15 cs, Scythia, Liverpool
CHINAWOOD—418 dms, Bank of Manhattan, Volendam, Rotterdam
CINNAMON LEAF—5 dms, De Witt Osborne, President Polk, Colombo
CITRONELLA — 4 dms, Colgate-Palmolive-Peet Co, Adrastus, Batavia
4 dms, Catz American Co, Silverwalnut, Batavia
11 dms, Orbis Product Corp, President Polk, Colombo
6 dms, De Witt Osborne, President Polk, Colombo
COALITE—1 dm, Alco Prod, Inc, Waukegan, Manchester
COCONUT—1,920 tons, Philippine Refg Corp, Silverwalnut, Cebu
610 tons, Spencer Kellogg & Sons, Kano, Manila
550 tons, Procter & Gamble Co, Kano, Manila
15 cs, West Indie Prod Corp, Ulua, Kingston
COD—52 cks, 65 dms, F W Damon, Fort Townshend, St Johns
100 cks, Bergensfjord, Bergen
CODLIVER—100 dms, H H Rosenthal Co, Manhattan, Hamburg
680 dms, Bergensfjord, Bergen
CORN—700 dms, Corn Product Co, Black Condor, Antwerp
28 dms, American Shipper, Liverpool
58 dms, Volendam, Rotterdam
CUMARU—12 dms, Boniface, Ceara
ESSENTIAL—6 cs, Normandie, Havre
13 pkgs, Manhattan, Havre
24 pkgs, Exochorda, Marseilles
11 cs, American Trader, London
21 cs, 4 pkgs, Volendam, Rotterdam
61 cs, Ile de France, Havre
24 pkgs, President Polk, Marseilles
1 cs, Bremen, Bremen
1 dm, Ulua, Kingston
FUEL—66,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
65,686 bbls, Standard Oil Co of N J, Tamaha, Aruba
55,263 bbls, Shell Union Oil Corp, Mantilla, Curacao
LEMONGRASS—22 cks, President Polk, Marseilles
LIME—1 pkg, Dodge & Olcott Co, Pan America, Port Spain
LINALOE—1 dm, Van Amerigen Haebler, Orizaba, Vera Cruz
LUBRICATING—100 dms, Mercier, Antwerp
100 dms, Gerolstein, Antwerp
MUSTARD SEED—50 dms, Balfour Guthrie & Co, Noto, Kobe
OITICICA—105 dms, W R Grace & Co, Boniface, Ceara
75 dms, Boniface, Ceara
100 dms, Pan America, Rio de Janeiro
OLIVE—200 cs, Roma, Genoa
50 dms, Leghorn Trading Co, Exochorda, Piraeus
230 cs, 7 dms, Exochorda, Leghorn
10 dms, G Cuccia & Son, Exochorda, Genoa
680 cs, Exochorda, Genoa
25 dms, J Henry Schroeder Banking Co, Exochorda, Marseilles
89 cs, Exochorda, Marseilles
150 cs, Saturnia, Palermo
50 cs, Ile de France, Havre
605 cs, 50 dms, President Polk, Genoa
50 dms, President Polk, Marseilles
ORANGE—1 ck, St Louis, Hamburg
PALM—1,813 tons, Van Leeuwen, Boomkamp & Co, Adrastus, Belawan Deli
50 dms, I R Boody & Co, Tiradentes, Rotterdam
25 dms, J H Redding Co, Tiradentes, Rotterdam
PEANUT—15 dms, Lamont, Corliss & Co, Black Hawk, Rotterdam
POPPYSEED—1 dm, Gallagher & Ascher, Volendam, Rotterdam
ROSEWOOD—40 dms, Boniface, Manaos
SAGE—3 pkgs, E E Marks & Co, Saturnia, Dubrovnik
SANDALWOOD—10 cs, President Polk, Colombo
SOYBEAN—470 dms, Wessel, Duval & Co, St Louis, Hamburg
1,000 tins, Mitsubishi-Shoji-Kaisha, Noto, Dairen
SPERM—25 dms, Transylvania, Glasgow
STAND—5 cs, G W Sheldon & Co, Tiradentes, Rotterdam
VEGETABLE—72 dms, Scythia, Liverpool
PAPAIN—7 cs, McKesson & Robbins, Silverwalnut, Colombo
5 cs, President Polk, Colombo
PAPRIKA—25 cs, P H Petry & Co, New York, Hamburg
45 bgs, 46 cs, H Schoenfeld & Son, New York, Hamburg
PATCHOULI LEAVES—75 bls, Bank of Manhattan, Silverwalnut, Penang
PEATMOSS—310 bls, Premier Peatmoss Corp, Black Condor, Antwerp
2,376 bls, St Louis, Hamburg
6,622 bls, Amtorg Trading Corp, Kalinin, Leningrad
150 bls, Previer Peatmoss Corp, Tiradentes, Rotterdam
1,900 bls, Half Moon Mfg & Trading Co, Black Hawk, Rotterdam
500 bls, Richard Shipping Co, Volendam, Rotterdam
397 bls, Volendam, Rotterdam
20 bls, McHutcheson & Co, Volendam, Rotterdam
500 bls, Premier Peatmoss Corp, Bergensfjord, Oslo
PEPPER, BLACK—225 bgs, Adrastus, Batavia
450 bgs, Silverwalnut, Oosthaven
10 bgs, American Trader, London
PETROLEUM, CRUDE—104,000 bbls, Standard Oil Co of N J, E T Bedford, Guiria
64,895 bbls, Warner Quinlan Co, Cymbeline, Las Piedras
PITCH, STEARIN—60 dms, American Shipper Manchester
PLASTER ROCK—2,200 tons, Newark Plaster Co, H L V A Hillsborough
POPPYSEED — 100 bgs, 11,000 lbs, Biddle Purchasing Co, Minnequa, Gdynia
POPPYSEED—100 bgs, 11,000 lbs, Basic Materials, Minnequa, Gdynia
100 bgs, 11,000 lbs, Jewett & Sherman, Minnequa, Gdynia
300 bgs, 33,000 lbs, M Witsenburg, Minnequa, Gdynia
400 bgs, 44,000 lbs, Levy & Levis Co, Minnequa, Gdynia
100 bgs, 11,000 lbs, A G Dunn, Minnequa, Gdynia
100 bgs, 11,000 lbs, Reiss & Bernhardt, Minnequa, Gdynia
100 bgs, 11,000 lbs, Otto Gerdau Co, Minnequa, Gdynia
325 bgs, 35,700 lbs, Catz American Co Tiradentes, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Volendam, Rotterdam
100 bgs, 11,000 lbs, Spira & Co, Volendam, Rotterdam
100 bgs, 11,000 lbs, Catz American Co, Volendam, Rotterdam
200 bgs, 22,000 lbs, M Witsenburg, Volendam, Rotterdam
POTASH CARBONATE—10 cks, F C Wygandt, St Louis, Hamburg
34 cks, Innis, Speiden & Co, St Louis, Hamburg
CHLORATE—100 cs, St Louis, Hamburg
9 cs, 1,159 lbs, Remington Arms Co, New York, Hamburg
500 cs, 50 bbls, International Selling Corp, Independence Hall, Havre
MURIATE—N V Potash Export My, Mercier, Antwerp
PRUSSIATE—200 kegs, 24,640 lbs, Black Hawk, Rotterdam
SULPHATE—200 bgs, N V Potash Export My, New York, Hamburg
SULPHOCYANIDE—23 kegs, Scythia, Liverpool
PROTECTOL—47 cks, General Aniline Works, Bremen, Bremen
PUMICE, ARTIF—35 cs, New York, Hamburg
PYRETHRUM FLOWERS—125 bls, W T Rawleigh & Co, Noto, Kobe
35 bls, J L Hopkins & Co, Saturnia, Trieste
77 bls, Saturnia, Trieste
QUICKSILVER—750 flasks, Exochorda, Leghorn
80 flasks, Chase National Bank, Orizaba, Vera Cruz
ROOT, MEDICINAL—42 bgs, 10 bls, R D Heins, St Louis, Hamburg
100 bgs, New York, Hamburg
20 bgs, 2,217 lbs, R D Heins, New York, Hamburg
5 bgs, S B Penick & Co, Saturnia, Trieste
11 bgs, Peek & Velsor, Saturnia, Trieste
3 cs, J L Hopkins & Co, American Trader, London
40 bls, Gerolstein, Antwerp
ROSIN—100 cs, Commercial Bank of Greece, Exochorda, Piraeus
LIQUID—2 pkgs, A J Rimberg Co, Minnequa, Wallvik
SABADILLA SEED—46 bgs, Allaire, Woodward & Co, Stuyvesant, La Guaira
60 bgs, S B Penick & Co, Stuyvesant, La Guaira
SAFFRON, AMERICAN—58 bgs, Exochorda, Alexandria
FLOWERS—3 cs, Roma, Genoa
SAGE LEAVES—25 bls, Saturnia, Trieste
153 bls, E E Marks & Co, Saturnia, Dubrovnik
SAGO FLOUR—1,112 bgs, Stein, Hall & Co, Steel Mariner, Singapore
SALTPETER—454 bgs, St Louis, Hamburg
SANTONIN—2 cs, Amtorg Trading Corp, Kalinin, Leningrad
SARSAPARILLA ROOT—12 bls, Orizaba, Vera Cruz
SAWDUST—513 bgs, State Chemical Co, Volendam, Rotterdam
SCHEELITE—591 bgs, Steel Mariner, Penang
SEED, MEDICINAL—19 bgs, Suhr Co, Exochorda, Marseilles
20 bgs, Saturnia, Trieste
10 bls, Gerolstein, Antwerp
SENNA LEAVES—100 bls, H W Henning & Son, President Polk, Colombo
60 bls, President Polk, Colombo
SILICON CARBIDE—950 bgs, D C Andrews & Co, St Louis, Hamburg
SOAP BARK—100 bgs, New York, Hamburg
SOAP—8 cs, W J Byrnes, Havre
7 cs, Globe Shipping Co, New York, Hamburg
10 cs, H W Robinson & Co, Manhattan, Hamburg
67 cs, Concentrate Mfg Corp, Manhattan, Havre
1,320 cs, Conti Product Co, Exochorda, Leghorn
2 cs, Yardley & Co, American Trader, London
2 cs, Rogers & Gallet, Ile de France, Havre
TOILET — 8 cs, Bourjois, Inc, American Trader, London
SODA, FLUORIDE—25 cks, Robinson-Wagner Co, Volendam, Rotterdam
HYDROSULPHITE—19 dms, General Dyestuff Corp, Tiradentes, Rotterdam
NITRATE—1 cs, Chilean Nitrate Sales Corp, Santa Barbara, Antofagasta
SULPHATE—600 bgs, Advance Solvents & Chem Co, Gerolstein, Antwerp
450 cks, 995 bgs, Gerolstein, Antwerp
SOLVENTS—300 dms, A Mersch, Ponce, Arecibo
SPONGES—1 bl, Martin Cantine Co, Munargo, Nassau
3 bls, Munargo, Nassau
6 bls, Santa Rosa, Havana
21 bls, Schroeder & Tremayne, Orizaba, Havana
8 bls, Orizaba, Havana
REFUSE—10 bls, Royal Bank of Canada, Munargo, Nassau
22 bls, Munargo, Nassau
STARCH, POTATO—150 bgs, Volendam, Rotterdam
STEATITE—4 bls, Caldwell & Co, Exochorda, Leghorn
5 bbls, M Kirchberger & Co, Exochorda, Leghorn
7 cs, M Kirchberger, President Polk, Genoa
SULPHUR—25 cks, Lo Curto & Funk, Scythia, Liverpool
TALC—600 bgs, Whittaker, Clark & Daniels, Exochorda, Marseilles
400 bgs, President Polk, Bombay
TAMARINDS—18 cs, President Polk, Bombay
TANKAGE—1,000 bgs, H J Baker & Bros, Uruguayo, Buenos Aires
1,703 cakes, 9 bgs, Uruguayo, Buenos Aires
TAPIOCA FLAKE—357 bgs, Stein Hall & Co, Adrastus, Sourabaya
FLOUR—3,303 bgs, Stein Hall & Co, Steel Mariner, Batavia
1,005 bgs, National Adhesive Corp, Steel Mariner, Batavia
250 bgs, Rutger Bleecker & Co, Steel Mariner, Batavia
500 bgs, Stein Hall & Co, Steel Mariner, Batavia
500 bgs, Overton & Co, Steel Mariner, Cheribon
800 bgs, Rutger Bleecker & Co, Steel Mariner, Cheribon
500 bgs, Steel Mariner, Cheribon
250 bgs, Seligmann & Co, Adrastus, Batavia
2,610 bgs, Stein Hall & Co, Adrastus, Sourabaya
250 bgs, Chase National Bank, Silverwalnut, Cheribon
250 bgs, Java American Export Co, Silverwalnut, Batavia
500 bgs, National Adhesive Corp, Silverwalnut, Batavia
250 bgs, Chase National Bank, Silverwalnut, Batavia
500 bgs, Silverwalnut, Batavia
TARTAR—150 bgs, Volendam, Rotterdam
26 bgs, President Polk, Marseilles
TONKA BEANS—4 cks, Thurston & Braidich, Pan America, Port Spain
TUBA ROOT—20 bls, Chase National Bank, Silverwalnut, Singapore
50 bls, President Polk, Singapore
TURMERIC—43 bgs, President Polk, Bombay
VANILLA BEANS—23 cs, Exochorda, Marseilles
23 cs, Marine Midland Trust Co, Exochorda, Marseilles
25 cs, Integrity Trust Co, Exochorda, Marseilles
Cruz
38 cs, President Polk, Marseilles
CUT—15 cs, Dodge & Olcott Co, Orizaba, Vera Cruz
WATER, MINERAL—5 cs, Hahn & Wessel, New York, Hamburg
100 cs, American Agency French Vichy, Manhattan, Havre
WAX—50 cs, Orbis Product Corp, Ile de France, Havre
BEES—92 pkgs, St Louis, Hamburg
28 bgs, Exochorda, Alexandria
40 bgs, Exochorda, Marseilles
23 pkgs, Stuyvesant, Port au Prince
90 pkgs, M D Moreira, Jr, Saturnia, Lisbon
12 bgs, Irving Trust Co, Coamo, Trujillo
8 bgs, Curacao Trading Co, Ponce, Sanchez
CARNAUBA—72 bgs, American Cyanamid & Chem Co, Boniface, Bahia
160 bgs, Strahl & Pitsch, Boniface, Bahia
34 bgs, A Hurst & Co, Boniface, Ceara
56 bgs, American Cyanamid & Chem Co, Boniface, Ceara
25 bgs, Smith & Nichols, Boniface, Ceara
42 bgs, F B Ross & Co, Boniface, Ceara
95 bgs, Boniface, Camocim
MINERAL—30 bgs, General Dyestuff Corp, Volendam, Rotterdam
OZOKERITE—50 bgs, Strahl & Pitsch, Manhattan, Hamburg
205 bgs, Minnequa, Gdynia
85 bgs, Strohmeyer & Arpe Co, Saturnia, Trieste
20 bgs, Strahl & Pitsch, Saturnia, Trieste
VEGETABLE—30 bgs, A Hurst & Co, Transylvania, Glasgow
40 bgs, American Trader, London
WHITING—200 bgs, Mercier, Antwerp
WOODFLOUR—400 bgs, State Chem Co, Volendam, Rotterdam
1,000 bgs, Burnett Co, Bergensfjord, Fredrikstad
1,250 bgs, B L Soberski, Bergensfjord, Fredrikstad
YEAST—170 kgs, Compressed Yeast Co, New York, Hamburg
90 bbls, Vulkan Yeast Co, New York, Hamburg
BREWERS—200 bgs, Chase Natl Bank, New York, Hamburg
ZINC CHLORIDE—34 dms, Innis, Speiden & Co, Tiradentes, Rotterdam
40 dms, Innis, Speiden & Co, Volendam, Rotterdam
OXIDE—5 cs, Yardley & Co, American Trader, London

New York Transit Imports

CAMPHOR, CRUDE—500 cs, Eastman Kodak Co, Noto, Keelung, Rochester
CARAWAY SEED—200 bgs, 22,000 lbs, C M Van Sillevoldt, Volendam, Rotterdam, Chicago
150 bgs, 16,500 lbs, C M Van Sillevoldt, Volendam, Rotterdam, Cleveland
100 bgs, 11,000 lbs, Volendam, Rotterdam, Cleveland
CHEMICAL—3 cs, Volendam, Rotterdam, Buffalo
OIL, CITRONELLA—4 dms, A M Todd Co, Adrastus, Batavia, Kalamazoo
PEPPERMINT—8 pkgs, A M Todd & Co, Scythia, Liverpool, Kalamazoo
POPPYSEED—150 bgs, 16,500 lbs, Tiradentes, Rotterdam, Chicago
300 bgs, 33,000 lbs, C M Van Sillevoldt, Volendam, Rotterdam, Chicago
350 bgs, 38,500 lbs, C M Van Sillevoldt, Volendam, Rotterdam, Milwaukee
200 bgs, 22,000 lbs, Volendam, Rotterdam, Cleveland
SPONGES—5 bls, Munargo, Nassau, Amsterdam
9 bls, Munargo, Nassau, Hamburg
63 bls, Munargo, Nassau, London
4 bls, Munargo, Nassau, Kobe
15 bls, Orizaba, Havana, Hamburg
REFUSE—25 bls, Munargo, Nassau, Amsterdam
13 bls, Munargo, Nassau, Hamburg
32 bls, Munargo, Nassau, Antwerp
16 bls, Munargo, Nassau, London

Baltimore Imports

ARSENIC—1,486 bbls, General Chemical Co, City of Norfolk, Hamburg
BEETPULP, DRIED—448 bgs, Maria, Venice
BONEMEAL—3,308 bgs, Maria, Trieste
BRONZE POWDER—8 cs, Trans Seas Shipping Co, City of Norfolk, Hamburg
CALCIUM SILICIDE—552 bbls, Thode Fagelund, Sauda
CHEMICALS—33 cks, City of Norfolk, Hamburg
CHROME ORE—750 tons, Exhibitor, Aghia Marina
2,000 tons, E J Lavino Co, Dromore Castle, Beira
FERROMANGANESE—652 dms, 456 tons, 1,071 bbls, Thode Fagelund, Sauda
FERTILIZER NITROGENOUS—472 tons, Exhibitor, Constanza
IRON ORE—3,503 tons, Bethlehem Steel Co, City of Rayville, Whyalla
6,183 tons, Leo J Buck, Hopedene, Narvik
MANGANESE, COPPER—72 bbls, Thode Fagelund, Sauda
ORE—7,050 tons, Vancouver City, Poti
4,900 tons, Christiansborg, Santiago
500 tons, Chipana, Chile
1,800 tons, City of Canton, Calcutta
2,000 tons, Sawokla, Calcutta
MOLASSES—11,730,826 lbs, Cuba Distilling Co, Carrabulle, Barahona
5,223,598 lbs, Cuba Distilling Co, Carrabulle, Macoris
OIL, CHINAWOOD—265 dms, Asosan, Hongkong
CODLIVER—75 dms, Thode Fagelund, Aalesund
6 bbls, City of Norfolk, Hamburg
FUEL—52,000 bbls, Standard Oil Co, Penelope, Aruba
LUBRICATING—75 dms, City of Norfolk, Hamburg
PETROLEUM, CRUDE—99,256 bbls, Standard Oil Co, A C Bedford, Las Piedras
PYRETHRUM FLOWERS—250 bls, Asosan, Kobe
125 bls, Kiyokawa, Kobe
PYRITES — 4,101 tons, Baron Blythswood, Huelva
SAGE LEAVES—238 bls, Maria, Trieste
ZINC CONCENTRATES—30,070 sks, Cacique, Callao
2,000 tons, Chipana, Chile

Boston Imports

ACID, CRESYLIC—15 dms, Tiradentes, Rotterdam
AMMONIA CARBONATE—100 dms, 12,331 lbs, Black Condor, Antwerp
CARAWAY SEED—100 bgs, Bilderdijk, Rotterdam
150 bgs, Stickney & Poor Spice Co, Bilderdijk, Rotterdam
100 bgs, J Sklar & Co, Tiradentes, Rotterdam
CHEMICALS—20 dms, 120 cks, Bilderdijk, Rotterdam
60 cks, Advance Solvents & Chemical Co, Bilderdijk, Rotterdam
20 cks, Philipp Bros, Bilderdijk, Rotterdam
150 bgs, 90 bls, 45,171 lbs, Industrial Sales Corp, Black Condor, Antwerp
550 bgs, 52 dms, 79,288 lbs, Black Condor, Antwerp
20 bbls, 6,437 lbs, Philipp Bros, Black Condor, Antwerp
100 dms, 48,466 lbs, Irving M Sobin Co, Black Condor, Antwerp
COALTAR DISTILLATE—20 dms, Merrimac Chemical Co, American Shipper, Liverpool
COCOA BUTTER—10 cs, Stephen L Bartlett Co, Bilderdijk, Rotterdam
COCONUT, DESIC—175 cs, National City Bank, President Taft, Manila
DRUGS—1 cs, Scythia, Liverpool
EMERY FILLET—1 cs, Atkinson Haserick Co, American Shipper, Liverpool
FERTILIZER—907 bgs, 201,956 lbs, Eastern States Farmers' Exchange, Bilderdijk, Rotterdam
1,999½ tons, Eastern States Farmers' Exchange, Bilderdijk, Rotterdam
FISHLIVERS—824 tins, Atlantic Coast Fisheries Export Co, President Taft, Yokohama
27 cs, from Nova Scotia
GELATIN—200 bgs, 22,004 lbs, G Van Gelder, Black Condor, Antwerp
100 bgs, 11,023 lbs, Black Condor, Antwerp
1,332 bgs, 149,825 lbs, International Selling Corp, Black Condor, Antwerp
GLUESTOCK—67 bls, John Gowers, American Shipper, Liverpool
FISH SCRAP—5 bxs, J R Poole Co, Yarmouth, Yarmouth
5 bxs, J A Rich Co, Yarmouth, Yarmouth
HIDE CUTTINGS—265 bgs, American Shipper, Manchester
3 cks, 550 bgs, 37 tons, 11 cwt, 1 qr, 5 lbs, Scythia, Liverpool
1 bl, 178 bgs 1 ton, 15 cwt, 2 qrs, 16 lbs, American Express Co, Scythia, Liverpool
GROUND NUTS—300 bgs, O'Loane Kelley & Co, Noto, Dairen
GUM, DAMMAR—70 bgs, President Taft, Singapore
INDUSTRIAL—10 dms, President Taft, Marseilles
INK—2 cs, Quong Wo Lung, President Taft, Hongkong
IRON, ORE—9,000 tons, Mystic Iron Works, A L Kent, Wabana, N F
MAGNESIA CARBONATE—672 bgs, Schofield Donald Co, American Shipper, Liverpool
MAGNESITE—200 bgs, Tiradentes, Rotterdam
CAUSTIC—40 bbls, Innis Speiden & Co, Bilderdijk, Rotterdam
MEDICINAL PREPS—2 cs, Sun Lee Chong Co, President Taft, Hongkong
5 cs, Sun Wah Co, President Taft, Hongkong
6 cs Quong Wo Lung, President Taft, Honkong
7 cs, United Drug Co, Scythia, Liverpool
MUSTARD SEED—315 bgs, Stickney & Poor Spice Co, Tiradentes, Rotterdam
NUTMEGS—42 bgs, Eurymedon, Batavia
OIL, COCONUT—1,011 tons, Philippine Refining Corp, Silverwalnut, Cebu
COD—119 dms, 128 cks, Newfoundland
CODLIVER—19 dms, Newfoundland
FISH—100 dms, Noto, Yokohama
FUEL—35,000 bbls, Colonial Beacon Oil Co, Vistula, Aruba
PALM—929 tons, Balfour, Guthrie Co, Cathlamet, Matadi
985 tons, Van Leeuwen, Boomkamp & Co, Eurymedon, Belawan-Deli
PEANUT—100 dms, Bilderdijk, Rotterdam
13 cs, Sun Wah Co, President Taft, Hongkong
SESAME—1 cs, Sun Wah Co, President Taft, Hongkong
SOD—25 csks, 12,302 lbs, First National Bank, Black Condor, Antwerp
SPERM—135 dms, 100 bbls, Transylvania, Glasgow
OSSEIN—1,900 bgs, 193,352 lbs, Atlantic Gelatine Co, Black Condor, Antwerp
2,000 bgs, 291,184 lbs, J O Whitten Co, Black Condor, Antwerp
1,000 bgs, 111,993 lbs, C H Maillet, Black Condor, Antwerp
3,366 bgs, 567,588 lbs, Black Condor, Antwerp
PEATMOSS—540 bls, 59,403 lbs, Premier Peat Moss Corp, Black Condor, Antwerp
PETROLEUM, CRUDE—54,425 bbls, Colonial Beacon Oil Co, Vistula, Las Piedras
POLISH—1 cs, Graham & Streeter, Scythia, Liverpool
BOOT—1 cs, Graham & Streeter, Scythia, Liverpool
POPPYSEED—100 bgs, Bilderdijk, Rotterdam
50 bgs, J Sklar & Co, Bilderdijk, Rotterdam
100 bgs, Tiradentes, Rotterdam
ROOTS—2 bbls, Scythia, Liverpool
SAND, FURNACE—400 bgs, Bilderdijk, Rotterdam
SHELLAC—40 cs, 8,530 lbs, Black Condor, Rotterdam
SOAP, TOILET—1 cs, Lever Bros, Scythia, Liverpool
SODA, SILICATE—100 csks, C H Powell Co, American Shipper, Liverpool
STARCH, CHEMICALLY TREATED — 600 bgs, Tiradentes, Rotterdam
POTATO—250 bgs, Stein, Hall & Co, Bilderdijk, Rotterdam
500 bgs, Tiradentes, Rotterdam
SOLUBLE—100 bgs, Stein, Hall & Co, Bilderdijk, Rotterdam
TALLOW, VEGETABLE—55 bbls, Guaranty Trust Co, Bilderdijk, Rotterdam
TAPIOCA, FLAKE SIFTINGS—215 bgs, National City Bank, Eurymedon, Sourabaya
FLOUR—1,093 bgs, National City Bank, Blitar, Sourabaya
1,103 bgs, Blitar, Pasoeroean
1,254 bgs, ntfy, Stein, Hall & Co, Silverwalnut, Cheribon
250 bgs, Bank of New York Trust Co, Silverwalnut, Batavia
1,103 bgs, Central Hanover Bank & Trust Co, Thurland Castle, Pasoeroean
552 bgs, Thurland Castle, Pasoeroean

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TAPIOCA FLOUR—985 bgs, Guaranty Trust Co, Thurland Castle, Cheribon
535 bgs, Balfour,Guthrie & Co, Thurland Castle, Pamanoekan
1,000 bgs, Guaranty Trust Co, Thurland Castle, Batavia
1,605 bgs, Balfour, Guthrie & Co, Eurymedon, Pamanoekan
PEARL—349 bgs, National City Bank, Eurymedon, Sourabaya
TOILET PREPS—1 cs, Lever Bros Co, Scythia, Liverpool
ZINC, CHLORIDE—40 csks, 22,928 lbs, Philipp Bros, Black Condor, Antwerp
DUST—21 bbls, 11,482 lbs, Black Condor, Antwerp

Boston Transit Imports

MEDICINAL PREPS — 2 cs, American Express Co, Tiradentes, Rotterdam, for Grand Rapids, Mich

Los Angeles Imports

ALBUMEN EGG HEN—2,200 lbs, President Hoover, Tientsin
ALCOHOL—60,000 lbs, Silverwillow, Manila
AMMONIA, PHOSPHATE—356,160 lbs, Kingsley, Trail
SULPHATE—230,720 lbs, Kingsley, Trail
CASSIA, UNGROUND—5,330 lbs, Pleasantville, Hongkong
CHALK, CRUDE — 580,000 lbs, Drechtdijk, London
1,568,000 lbs, Oregon, London
CHINA CLAY—229,150 lbs, Drechtdijk, Plymouth
CLAY—20,160 lbs, Drechtdijk, Werges
COALTAR, DEHYDRATE—50,000 lbs, Salacia, London
COCONUTS—13,500 lbs, Drechtdijk, Jamaica
60,000 lbs, San Simeon, Colon
COCONUT, DESIC—164,360 lbs, Pleasantville, Philippine Islands
COPRA, MEAL—224,000 lbs, Saparoea, Manila
FERTILIZER—110,260 lbs, Drechtdijk, Brussels
GELATIN, EDIBLE—6,410 lbs, Drechtdijk, Rotterdam
GLASS, PLATE—2,110 lbs, Oregon, Rotterdam
SHEET—29 cs. 9,230 lbs, Oregon, Brussels
25 cs, 2,810 lbs, Oregon, Charleroi
GREASE, WOOL—26,170 lbs, Salacia, London
INK—10 lbs, Noto, Tokio
MEDICINAL PREPS—1,200 lbs, Drechtdijk, London
MUSTARD SEED—100 lbs, Tatsuta, Kobe
OIL, CHINAWOOD—120,000 lbs, Pleasantville, Hongkong
OLIVE—40,000 lbs, President Monroe, Tunis
PALM—1,158,330 lbs, Saparoea, Medan
PEANUT—3,600 lbs, Pleasantville, Hongkong
PARAFFIN—2,350 lbs, Silverwillow, Balikpapan
PEATMOSS—725,920 lbs, Drechtdijk, Bremen
138,880 lbs, Canada, Malmo
129,920 lbs, Margaret Johnson, Norrkoeping
103,040 lbs, Margaret Johnson, Malmo
PEPPER—50 lbs, Drechtdijk, London
PERFUMERY—150 lbs, Leme, Florence
2 lbs, From London
PIMENTO—15,000 lbs, Canada, Kingston
POTASH ALUM CRYSTALS — 11,150 lbs, Drechtdijk, Frankfort
PYRETHRUM FLOWERS—44,300 lbs, Nankai, Kobe
SESAME SEED—10,000 lbs, Pleasantville, Hongkong
SHELLAC—40,180 lbs, Saparoea, Calcutta
SILVERSAND—1,792,000 lbs, Oregon, Antwerp
SOAP, SADDLE—70 lbs, Drechtdijk, London
TOILET—520 lbs, From London
480 lbs, From London
TANKAGE—224,000 lbs, Kauraki, Dunedin
TAPIOCA FLOUR—111,900 lbs, Pleasantville, Sourabaya
TOILET PREPS—50 lbs, Leme, Florence
UMBER—75,740 lbs, Pacific Ranger, Sheffield
WHITING—67,760 lbs, Canada, Copenhagen

New Orleans Imports

BAUXITE ORE—2,530 tons, Republic Mining & Mfg Co, Nordvangen, Paramaribo
437 tons, Republic Mining & Mfg Co, Nordvangen, Port of Spain
BLUE, VITRIOL—7,700 sks, United Fruit Co, Oakwood, Hamburg
BONE MEAL—1,102 sks, Wasgenwald, Hamburg
CARBON—75 sks, Monsanto Chemical Co, Binnendijk, Rotterdam
CHEMICALS—84 cks, P Bauer Co, Oakwood, Rotterdam
50 cs, Geo Wm Rueff, Oakwood, Rotterdam
72 cks, Advance Solvents & Chemical Co, Wasgenwald, Hamburg
COCONUTS—100 sks, Benham, Inc, Gansfjord, Belize
100 sks, J Meyer, Gansfjord, Belize
320 sks, J Blake, Jr, Gansfjord, Belize
335 sks, Fruit Dispatch Co, Tivives, Tela
DISINFECTANT—10 cs, United Fruit Co, Oakwood, Bremen
GLASS, WINDOW—6 cs, Oakwood, Hamburg
GUM, CHICLE—13 bls, M Bromberg, Gansfjord, Belize
COPAL—12 sks, American Paint Works, Oakwood, Rotterdam
LIME, HYDRATED—1,474 sks, United Fruit Co, Oakwood, Bremen
MUSTARD SEED—20 sx, Binnendijk, Rotterdam
MOLASSES—1,469,127 gls, Commercial Molasses Corp, Spencer Kellogg, Puerto Padre
OIL, CODLIVER—20 dms, Wasgenwald, Hamburg
LINSEED—5 dms, Munson S S Line, Oakwood, Rotterdam
NUT, GROUND—265,925 kilos, Binnendijk, Rotterdam
PALM—2,313 tons, Kota Tjandi, Belawan Deli
SOYBEAN—29,578 kilos, Binnendijk, Rotterdam
VEGETABLE—100 dms, Lysefiord, Cristobal
ORE SAMPLES—5 bxs, H S Renshaw, Contessa, Puerto Cabezas
PEATMOSS—626 bls, Premier Peat Moss Corp, Binnendijk, Rotterdam
1,330 bls, Oakwood, Hamburg
1,680 bls, Peat Import Corp, Oakwood, Bremen
POTASH, CAUSTIC—47 dms, Oakwood, Hamburg
PYRETHRUM FLOWERS—250 bls, Lusk Shipping Co, Lysefiord, Cristobal
TALC—250 sx, Oakwood, Rotterdam

Norfolk Imports

ALUMINUM SILICATE ORE—181 tons, Guaranty Trust Co, N Y, Maidan, Calcutta
CALCIUM NITRATE—506 tons, Synthetic Nitrogen Products Corp'n, Topeka, Porsgrund
500 bgs, Synthetic Nitrogen Products Corp'n, Topeka, Porsgrund, Nor
CHEMICALS—100 csks, Advance Solvents & Chemical Co, N Y, Spaarndam, Rotterdam
COCOA RESIDUES—15,152 bgs, Spaarndam, Rotterdam
FERTILIZER—523 bgs, Spaarndam, Rotterdam

Philadelphia Imports

ACID, CRESYLIC—249 dms, Manchester Producer, Manchester
87 dms, John H Faunce, Lehigh, Hull
ASBESTOS FIBER—400 pkgs, Alex Murphy, Scanstates, Kotka
CASSIA—500 bls, Brown Brothers, Harriman & Co, Asosan, Hongkong
CHALK—376 bgs, Lehigh, Hamburg
CHEMICALS—200 cs, Cuno Silvers, Frankfurt, Hamburg
50 cks, Chase National Bank, Frankfurt, Hamburg
200 bgs, Frankfurt, Hamburg
CHROME ORE—3,000 tons, E J Lavino & Co, Charles H Cramp, Beira
651 tons, 2 cwt, 21 lbs, Philadelphia National Bank, Charles H Cramp, Lourenco Marques
CLAY, BALL—6 tons, 7 cwt, United Clay Mines, Toronto City, Bristol
BLUE — 150 tons, T H Sant & Son Co, Toronto City, Bristol
BOND—75,000 kilos, Lehigh, Hamburg
FIRE—223,000 kilos, Lehigh, Hamburg
COCOA BEANS — 3,556 bgs, Superintendence Co, New Brunswick, Port Harcourt
4,872 bgs, United Africa Co, New Brunswick, Port Harcourt
42,929 bgs, Balfour, Guthrie & Co, New Brunswick, Port Harcourt
CORK, BLOCKER SCRAP—285 bls, Wicander & Co, Exchester, Lisbon
REFUGO — 3,631 bls, Cork Insulation Co, Gretavale, Lisbon
6,410 bls, Chase National Bank, Bretavale, Lisbon
VIRGIN — 3,960 bls, Cork Insulation Co, Gretavale, Lisbon
1,451 bls, Exchester, Lisbon
3,831 bls, Armstrong Cork Co, Nicolo Odero, Liexoes
WASTE—3,056 bls, Exchester, Lisbon
5,472 bls, Armstrong Cork Co, Nicolo Odero, Portimao
4,246 bls, Armstrong Cork Co, Nicolo Odero, Leixoes
4,326 bls, Armstrong Cork Co, Nicolo Odero, Lisbon
WOOD—2,795 bls, Armstrong Cork Co, Nicolo Odero, Lisbon
CRYOLITE—138 cks, Gretavale, Lisbon
EARTH, RED—500 bgs, Frankfurt, Bremen
ETHYLENE DIBROMIDE — 136 dms, Howe Importing Co, Frankfort, Hamburg
FERTILIZER—681 bgs, Frankfurt, Bremen
FLUORSPAR—175,260 lbs, Standard Bank of South Africa, Charles H Cramp, Durban
GLYCERIN—100 dms, Gretavale, Marseilles
GUM, DAMMAR—100 bgs, Brown Brothers, Harriman & Co, Siamese Prince, Singapore
MACE—7 cs, Siamese Prince, Macassar
MINERAL WATER—12 cs, Davies Turner & Co, Frankfurt, Hamburg
MOLASSES — 1,414,650 gls, North American Trading & Import Co, Winnetou, Antilla
MUSTARD SEED—500 bgs, Frankfurt, Hamburg
MYROBALANS POWDER—28 bgs, Bingham & Co, Silverash, Bombay
NAPHTHALENE, CRUDE—2,500 bgs, John H Titus, Minnequa, Gdynia
295 bgs, John H Faunce, Lehigh, Hull
282 bgs, John H Faunce, Manchester Producer, Manchester
616 bgs, John H Faunce, Charles H Cramp, Durban
OIL, CODLIVER—95 bbls, Philadelphia Wholesale Drug Co, Frankfurt, Hamburg
45 dms, Lehigh, Hamburg
COTTONSEED—1,060 dms, Dungan, Hood & Co, Benedict, Pernambuco
CRUDE — 1 dm, Socony Vacuum Oil Co, Frankfurt, Hamburg
FUEL—2,723,998 bls, Standard Oil Co, Norfold, Aruba
MINERAL—20 dms, Frankfurt, Hamburg
OLIVE—45 cs, F Spatola, Exchester, Genoa
5 cs, Byrnes Shipping Co, Exchester, Leghorn
PALM—41 csks, Balfour, Guthrie & Co, New Brunswick, Port Harcourt
26 csks, New Brunswick, Port Harcourt
RAPESEED—100 dms, Mitsui & Co, Kwansai, Moji
PEATMOSS—550 bls, Peat Import Co, Lehigh, Hamburg
PETROLEUM—65,670 bbls, Gulf Oil Corp, Senator, Las Piedras
73,798 bbls, Gulf Oil Corp, Gulfstar, Las Piedras
92,253 bbls, Atlantic Refining Co, Brunswick, Las Piedras
POTASH, MANURE SALT—273,000 kilos, N V Potash Export My, Frankfurt, Bremen
MURIATE—1,181,000 kilos, N V Potash Export My, Frankfurt, Bremen
RAPESEED—375 bgs, Arthur Dunn, Kiyokawa Maru, Otaru
SAGO FLOUR — 741 bgs, Siamese Prince, Singapore
TAPIOCA FLOUR—2,000 bgs, Philadelphia National Bank, Siamese Prince, Cheribon
2,000 bgs, Catz American Co, Siamese Prince, Cheribon
500 bgs, Catz American Co, Siamese Prince, Batavia
510 bgs, Siamese Prince, Sourabaya
250 bgs, Chase National Bank, Silverash, Cheribon
PEARLS—57 bgs, Catz American Co, Siamese Prince, Cheribon
WAX, VEGETABLE—100 cs, Mitsui & Co, Asosan, Kobe

Portland, Ore., Imports

COCOA BEANS—500 sks, Vandel Commercial Co, West Notus, Bahia
COCONUT, DESIC—100 cs, L W Pennington, Tosari, Manila
COPRA MEAL—4,000 sks, Snow Brokerage Co, Tosari, Manila
JARY MEDIUM NUTS—19,500 lbs in bulk, West Notus, Angra dos Rios
MOLASSES—2,400,000 lbs, Mauna Ala, Honolulu
PAPRIKA—25 sks, General Grocery Company, Loch Monar, London
STARCH, CHEMICALLY TREATED — 600 sks, Loch Monar, Rotterdam
TAPIOCA FLOUR—300 sks, Guaranty Trust Co, Tosari, Batavia
73 sks, Balfour, Guthrie & Co, Tosari, Batavia

San Francisco Imports

ALBUMEN, EGG, HEN — 28 cs, Bridges, Neumer & Co, President Hoover, Tientsin
112 cs, Stein, Hall & Co, President Hoover, Tientsin
225 cs, Wood & Selick, President Hoover, Tientsin
28 cs, Habicht, Braun & Co, President Hoover, Tientsin
BONE MEAL—500 sks, Wilbur-Ellis Co, Oakland, Antwerp
BRISTLES—116 cs, H Rosenhirsch Co, President Hoover, Tientsin
50 cs, Nathan Wagman, President Hoover, Tientsin
50 cs, Kane Import Co, President Hoover, Tientsin
66 cs, H Hirshenhein & Sons, President Hoover, Tientsin
240 cs, F H Cone & Co, President Hoover, Tientsin
BRISTLES—55 cs, F H Cone & Co, President Hoover, Dairen
CASSIA—300 bls, A Schilling & Co, President Hoover, Hongkong
CHEMICALS—5 cks, Oakland, Hamburg
278 cks, Advance Solvents & Chemical Corp, Abraham Lincoln, Oslo
CINNAMON QUILLS—25 bls, D Hecht & Co, President Hoover, Hongkong
COCOA BEANS—500 sks, Otis, McAllister & Co, Oakland, Costa Rica
COCONUT, DESIC—1,640 cs, J E Lowden, President Hoover, Manila
2,680 cs, Philippine Desiccated Coconut Corp, President Hoover, Manila
250 cs, T S DeKalb, President Hoover, Manila
950 cs, General Food Sales Corp, President Hoover, Manila
COPRA—1,600 tons, El Dorado Oil Works, Texas, Cebu (for Oakland)
300 tons, Texas, Cebu (for Alameda)
MEAL—1,120 sks, Procter & Gamble Mfg Co, President Hoover, Manila
1,120 sks, Procter & Gamble Mfg Co, Saparoea, Manila
2,000 sks, Saparoea, Manila
DRUGS—1 cs, Railway Express Agency, Oakland, Hamburg
EGG YOLK, HEN, DRIED—164 cs, T M Duche & Sons, President Hoover, Tientsin
GINGER ROOT—596 pkgs, President Hoover, Hongkong
GLASS, WINDOW—36 cs, Oakland, Bremen
500 cs, Smith Glass Co, Oakland, Antwerp
1,000 cs, Walter Andrews, Oakland, Antwerp
10 cs, Oakland, Antwerp
10 cs, Oakland, Bremen (for Oakland)
GUM, COPAL—100 sks, D Hecht & Co, Saparoea, Singapore
INK—4 cs, Chong Sing Co, President Hoover, Hongkong
1 cs, Chew Chong Tai, President Hoover, Hongkong
3 cs, Wing Hing Chong, President Hoover, Hongkong
5 cs, Kwong Kee Chan, President Hoover, Hongkong
MAGNESIA CARBONATE—106 csks, Schofield, Donald & Co, Pacific Pioneer, Manchester
MATCHES, SAFETY—80 cs, Chan Kee, President Hoover, Hongkong
10 cs, Chong Sing Co, President Hoover, Hongkong
9 cs, Fung Chong, President Hoover, Hongkong
4 cs, Ginn Wall Co, President Hoover, Hongkong
12 cs, Chong Sing Co, President Hoover, Hongkong
6 cs, Quong Lee & Co, President Hoover, Hongkong
8 cs, Woo Kee Co, President Hoover, Hongkong
20 pkgs, Tin Sau Tong, President Hoover, Hongkong
48 pkgs, Tai Fung Wo Co, President Hoover, Hongkong
11 cs, Chan & Chan, President Hoover, Hongkong
2 cs, Kwong Kee Chan, President Hoover, Hongkong
59 cs, Tai Sang Tong, President Hoover, Hongkong
1 cs, How Kee, President Hoover, Hongkong
MUSTARD SEED—300 sks, McClintock-Stern Co, Trondanger, Rotterdam
OCHER—18 csks, Richard Coulston, Leme, Marseilles
OIL, CHINAWOOD—125 dms, D Hecht & Co, President Hoover, Hongkong
COCONUT, CRUDE—1,303 tons, Philippine Refining Corpn, Saporoea, Cebu
COTTONSEED—136 tons, Durkee Famous Foods, President Hoover, Kobe
CORN, REFD—100 dms, Trondanger, Rotterdam
OLIVE—25 dms, Leme, Marseilles
PALM—305 tons, Saparoea, Belawan
PEANUT — 50 cs, Sang Wo, President Hoover, Hongkong
360 cs, Columbia Co, President Hoover, Hongkong
150 cs, Chan Kee, President Hoover, Hongkong
50 cs, Ying Fat Lung, President Hoover, Hongkong
ASPHALT, LIQUID—230 cs, Chong Sing Co, President Hoover, Hongkong
160 cs, Yue Wo, President Hoover, Hongkong
50 cs, Chew Chong Tai, President Hoover, Hongkong
25 cs, Kwong Lee Chong, President Hoover, Hongkong
50 cs, Wing Hing Chong, President Hoover, Hongkong
30 cs, Shun On, President Hoover, Hongkong
450 cs, Ti Hang Lung & Co, President Hoover, Hongkong
45 cs, Hing Kee Co, President Hoover, Hongkong
70 cs, Hip Hing Co, President Hoover, Hongkong
265 cs, Kwong Kee Chan, President Hoover, Hongkong
SESAME—45 cs, Chong Sing Co, President Hoover, Hongkong
PEATMOSS—600 bls, Peat Import Corpn, Oakland, Bremen
600 bls, Peat Import Corpn, Oakland, Bremen (for Oakland)
600 bls, Wilson & George Meyer & Co, Abraham Lincoln, Oslo
PERFUMERY—3 cs, American Express Co, Leme, Genoa
POTASH CHLORATE—250 cks, Uniform Chemical Products, Oakland, Hamburg (for Oakland)
SULPHATE—1,300 sks, Wilson & George Meyer & Co, Oakland, Hamburg (optional discharge Oakland-San Francisco)
3,950 sks, Wilson & George Meyer & Co, Oakland, Hamburg (for Oakland)
750 sks, Wilson & George Meyer & Co, Oakland, Hamburg
SAGO FLOUR—160 sks, Saparoea, Singapore
SALTPETER—227 bgs, F W Berk & Co, Oakland, Bremen
SAND—500 tons, San Diego, Antwerp
1,500 tons, Balfour, Guthrie & Co, San Diego, Antwerp (for Oakland)
SOAP—37 cs, Marshall Steel & Co, Leme, Marseilles
STARCH—31 cs, San Wo, President Hoover, Hongkong
10 cs, Chan Kee, President Hoover, Hongkong
15 cs, Hip Hing Co, President Hoover, Hongkong
WAX CERESIN—10 bgs, Oakland, Hamburg

Savannah Imports

FERTILIZER, LEATHERMEAL—1,516 bgs, Konsui Hendrik Fisser, Rotterdam
PETROLEUM, CRUDE—1,116,516 bbls, Leda, Las Piedras
12,253 tons, Leda, Las Piedras

Seattle Imports

ACID, CITRIC—28 cs, Mauna Ala, Honolulu
COCOA BEANS—500 sks, Brandanger, Panama
296 sks, West Notus, Angra dos Rios
JARY MEDIUM NUTS—6,000 lbs, West Notus, Angra dos Rios
MACE—15 cs, Tosari, Padang
MOLASSES—1,000,000 lbs, Mana, Ahukini
3,103 tons, Diamond Head, Hilo
PEANUTS—250 sks, Balfour, Guthrie & Co, Tosari, Manila
TANKAGE, UNGROUND — 6,000 sks, West Notus, Buenos Aires
TAPIOCA SEED—302 sks, American Trust Co, Tosari, Sourabaya

Tacoma Imports

COPRA MEAL—1,120 sks, Procter & Gamble Mfg Co, Tosari, Manila
TAPIOCA FLOUR—146 sks, Balfour, Guthrie & Co, Tosari, Pamanoekan
740 sks, Tosari, Tegal

Tampa Imports

CASTOR MEAL—2,873 bgs, Breedijk, Antwerp
COCONUTS—8,000, My Own, Trujillo

Exports From U.S. Ports

New York Exports

Clearance Dates

Aminda, September 29; Ancon, September 21; Argosy, September 16; Black Falcon, September 20; Bremen, September 21; Cadmus, September 27; City of Auckland, September 17; Coamo, September 23; Collingsworth, September 21; Dundrum Castle, September 17; Edam, September 24; Exminster, September 25; Golden Cloud, September 25; Irisbank, September 16; Jean Jadot, September 20; Maine, September 20; Martinique, September 1; McKeesport, September 20; Munargo, September 18; Norfolk, September 21; Oradell, September 25; Otho, September 14; Paraguano, September 24; Platano, September 24; Queen Mary, September 20; Rex, September 24; Rydboholm, September 24; San Jacinto, September 18; Santa Maria, September 17; Scanpenn, September 24; Siboney, September 2; Stavangerfjord, August 24; Tetauna, September 18; Taubate, September 20; Tuscania, September 23; Ulua, September 18; Veendam, September 15; Veragua, September 23; Westernland, September 17; Westmoreland, September 17

ACETONE—(Argosy) 6,608 lbs, Malmo; 4,956 lbs, Helsingfors
ACID, CHROMIC—4,085 lbs, Norfolk, Adelaide
CITRIC—160 lbs, San Jacinto, Porto Plata; 126 lbs, Coamo, San Juan
LACTIC—851 lbs, Munargo, Havana
MURIATIC — 12,510 lbs, Santa Maria, Chanaral; (Platano) 18,500 lbs, Tela; 13,875 lbs, Porto Barrios
STEARIC—888 lbs, Platano, Porto Barrios
SULPHANILIC — 278 lbs, Westmoreland, Antwerp
SULPHURIC—35,186 lbs, Dundrum Castle, Port Elizabeth; 22,786 lbs, Santa Maria, Chanaral; 1,518 lbs, Ulua, Panama City
TARTARIC CRYST — 1,238 lbs, Irisbank, Manila
ALCOHOL, BUTYL — (Scanpenn) 495 gls, Gothenburg; 660 gls, Stockholm
ALUMINA SULPHATE—12,084 lbs, Munargo, Havana
AMMONIA, ANHYDR—6,592 lbs, Ulua, Porto Colombia
ASPHALT—(Westmoreland) 31,665 lbs, Auckland; 10,880 lbs, Wellington; 640,890 lbs, Irisbank, Hongkong; 4,588 lbs, Westernland, Antwerp; 10,172 lbs, City of Auckland, Madras; (McKeesport) 11,562 lbs, Manchester; 11,183 lbs, Liverpool; 22,023 lbs, Munargo, Nassau; 14,418 lbs, Exminster, Istanbul; 94,428 lbs, Santa Maria, Antofagasta; 66,243 lbs, Rydboholm, Helsingfors
LIQUID — 11,247 lbs, McKeesport, Manchester; 24,898 lbs, Stavangerfjord, Oslo
BAKING POWDER—10,800 lbs, Scanpenn, Helsingfors
BLEACHING POWDER—4,391 lbs, Munargo, Nassau
BLUE, LAUNDRY—(Ulua) 3,606 lbs, Cartagena; 1,662 lbs, Pantarenas
VITRIOL—(Golden Cloud) 20,200 lbs, Honolulu; 10,100 lbs, Hilo; 10,100 lbs, Kahului
VITRIOL CRYSTALS—808,000 lbs, Cadmus, Tela
VITRIOL, MONOHYDRATED—110,240 lbs, Cadmus, Tela
BUTYL ACETATE—5,292 lbs, Argosy, Stockholm; (Scanpenn) 4,840 lbs, Gothenburg; 3,960 lbs, Stockholm
STEARATE—871 lbs, Collingsworth, Buenos Aires
CHEMICALS—12,488 lbs, Collingsworth, Montevideo; 651 lbs, Westernland, Antwerp; 439 lbs, Veendam, Basle; 5,103 lbs, Stavangerfjord, Oslo; 10,319 lbs, Edam, Rotterdam; 12,136 lbs, Scanpenn, Abo
CLAY—11,200 lbs. Scanpenn, Gdynia; 75,200 lbs, Rydboholm, Malmo
CLEANER—4,950 lbs, Maine, Kahului; 21,600 lbs, Golden Cloud, Hilo
COALTAR—1,200 lbs, Ulua, Colon
COCOA BUTTER—8,094 lbs, Otho, Yokohama
COLOR, DRY—12,480 lbs, Ulua, Panama
CORN FLOUR—7,539 lbs, Coamo, Ciudad; 250 lbs, Platano, Porto Cortes
SUGAR—1,007 lbs, Irisbank, Manila; 11,110 lbs, Stavangerfjord, Oslo
SYRUP—(Westmoreland) 604 lbs, Auckland; 12,010 lbs, Wellington; 2,844 lbs, Manila; 336 lbs, Ulua, Buenaventura
DENTIFRICE—9,320 lbs, Edam, Rotterdam
DEXTRIN—1,007 lbs, Munargo, Nassau; 8,248 lbs, Veragua, Havana
CORN—4,512 lbs, Westmoreland, Wellington
DIPHENYLCHLORARSINE—4,208 lbs. Argosy, Gdynia
DISINFECTANT—1,040 lbs, Ulua, Corinto
COALTAR—2,600 lbs, Oradell, Santiago; 521 lbs, Ulua, Kingston
DYES—3,131 lbs, Argosy, Helsingfors; (Scanpenn) 2,282 lbs, Gothenburg; 1,349 lbs, Stockholm
ANILIN—3,017 lbs, Black Falcon, Rotterdam
ETHYL FLUID—1,100 gls, Taubate, Rio de Janeiro
ETHYLENE DICHLORIDE—42,118 lbs, Otho, Yokohama
FERRITES—25,825 lbs, Collingsworth, Buenos Aires
FERTILIZER—(Exminster) 1,008,143 lbs, Piraeus; 80,614 lbs, Salonica; 134,640 lbs, Istanbul
GASOLINE—93,100 gls, Aminda, St George
GLASS, WINDOW—6,400 lbs, Veragua, Havana
GLUCOSE—2,320 lbs, Ancon, Molendo
SOLID—(Westmoreland) 1,502 lbs, Wellington; 750 lbs, Dunedin; 3,525 lbs, Norfolk, Melbourne
GLUE, ANIMAL—1,010 lbs, Veragua, Havana
DRY—10,516 lbs, Veendam, Rotterdam

GREASE, LUBRICATING—26,639 lbs, Taubate, Rio de Janeiro; (Collingsworth) 9,074 lbs, Santos; 10,623 lbs, Montevideo; (Westmoreland) 8,446 lbs, Auckland; 12,893 lbs, Wellington; 375 lbs, Lyttleton; 41,829 lbs, Westernland, Antwerp; (Otho) 24,000 lbs, Osaka; 17,404 lbs, Dairen; 920 lbs, Black Falcon, Amsterdam; 10,625 lbs, Dundrum Castle, Lourenco Marques; (City of Auckland) 8,840 lbs, Kampala; 24,185 lbs, Karachi; 1,762 lbs, Bombay-Calcutta; 9,206 lbs, Bombay; 2,640 lbs, Madras; 84,172 lbs, Calcutta; (Bremen) 1,400 lbs, Bremen; 70,748 lbs, Hamburg; 53,311 lbs, McKeesport, Manchester; 31,845 lbs, Maine, Honolulu; 22,994 lbs, Tuscania, Glasgow; 23,305 lbs, Argosy, Gdynia; 12,686 lbs, Exminster, Piraeus; 148,580 lbs, Santa Maria, Antofagasta; 1,655 lbs, Ulua, Puntarenas; 1,506 lbs, Siboney, Vera Cruz; (Norfolk) 4,480 lbs, Sydney, 6,898 lbs, Melbourne; 8,986 lbs, Adelaide; 3,048 lbs, Coamo, San Juan; (Spanpenn) 26,518 lbs, Copenhagen; 2,590 lbs, Helsingfors; (Rydboholm) 8,572 lbs, Gothenburg; 326 lbs, Norrkoeping; 4,480 lbs, Sundsvaal

INSECTICIDE, AGRIC—19,950 lbs, Argosy, Helsingfors

KEROSENE — (Martinique) 10,000 gls, Cape Haiti; 2,000 gls, Miragoane; 5,000 gls, Aux Cayes

LACQUER—2,633 lbs, Scanpenn, Stockholm; 1,124 lbs, Rydboholm, Stockholm

THINNER—1,100 gls, Siboney, Vera Cruz

LARD—13,297 lbs, Jean Jadot, Antwerp; 9,033 lbs, Westernland, Antwerp; 62,469 lbs, Black Falcon, Rotterdam; (San Jacinto) 4,000 lbs, Mayaguez; 25,614 lbs, San Juan; 59,885 lbs, Orodell, Santiago

LEAD, RED—24,155 lbs, Collingsworth, Buenos Aires

LINSEED CAKE—2,424,051 lbs, Jean Jadot, Antwerp

LITHARGE—6,667 lbs, Collingsworth, Buenos Aires; 5,485 lbs, Dundrum Castle, East London

LITHOPONE—12,900 lbs, McKeesport, Manchester

LUBRICANTS—141,208 lbs, Rydboholm, Stockholm

MINERAL SPTS—(Taubate) 11,000 gls, Rio Janeiro; 16,000 gls, Santos

OIL, BONE TAR—1,818 lbs, Bremen, Vienna

BUNKER—50 tons, Martinique, Aux Cayes

CASTOR—932 lbs, San Jacinto, San Juan; 1,126 lbs, Ulua, Guayaquil; 475 lbs, Coamo, Trujillo

COCONUT—4,565 lbs, San Jacinto, Porto Plata; 9,848 lbs, Veragua, Havana

CORN—(Dundrum Castle) 2,850 lbs, Capetown; 3,010 lbs, Lourenco Marques

EDIBLE—(Ulua) 7,995 lbs, Guayaquil; 4,175 lbs, Buenos Aires; (Platano) 527 lbs, Porto Cortes; 959 lbs, Porto Barrios

ENGINE—(Otho) 41,250 gls, Yokosuka; 27,500 gls, Kure; 68,750 gls, Sasebo

ESSENTIAL—414 lbs, Argosy, Stockholm

FUEL—711,706 gls, Paraguana, St Georges

GAS—110,990 gls, City of Auckland, Djibouti

LUBRICATING—(Taubate) 11,140 gls, Rio de Janeiro; 15,350 gls, Santos; (Collingsworth) 11,760 gls, Santos; 51,325 gls, Montevideo; 3,520 gls, Buenos Aires; (Westmoreland) 17,065 gls, Auckland; 16,720 gls, Wellington; 10,355 gls, Lyttleton; 2,750 gls, Jean Jadot, Atwerp; 47,575 gls, Irisbank, Hongkong; 32,020 gls, Westernland, Antwerp; 22,000 gls, Otho, Osaka; 2,100 gls, Black Falcon, Rotterdan; 2,575 gls, Oriente, Havana; 2,200 gls, San Jacinto; Porto Plata; 12,265 gls, Veendam, Rotterdam; (Dundrum Castle) 6,025 gls, Port Louis; 7,960 gls, Lourenco Marques; 2,575 gls, Point Galet; (City of Auckland) 31,405 gls, Alexandria; 2,730 gls, Karachi; 33,605 gls, Bombay; 2,750 gls, Basrah; 5,995 gls, Madras; 39,820 gls, Calcutta; 5,935 gls, Bremen, Hamburg; (McKeesport) 4,785 gls, Manchester; 1,176 gls, Dublin; 4,955 gls, Munargo, Havana; (Stavangerfjord) 1,260 gls, Narvik; 1,350 gls, Trondhjem; 330 gls, Stavanger; 7,983 gls, Bergen; 27,825 gls, Oslo; 1,344 gls, Tuscania, Glasgow; (Argosy) 384 tons, and 18,085 gls, Copenhagen; 275 gls, Memel; 383 tons, Stockholm; (Edam) 11,000 gls, Rotterdam; 2,090 gls, Amsterdam; 4,400 gls, Orsoy; (Exminster) 12,760 gls, Piraeus; 10,450 gls, Istanbul; 2,100 gls, Rex, Genoa; (Santa Maria) 1,430 gls, Iquique; 1,045 gls, Buenaventura; 6,930 gls, Guayaquil; 1,650 gls, Callao; 2,640 gls, Antofagasta; 1,650 gls, Chanaral; 5,830 gls, Ulua, Porto Colombia; 14,730 gls, Siboney, Vera Cruz; (Ancon) 1,980 gls, La Union; 1,980 gls, Panama City; (Scanpenn) 2,750 gls, Copenhagen; 550 gls, Helsingfors; (Rydboholm) 10,945 gls, Gothenburg; 5,775 gls, Malmo; 1,394 gls, Norrkoepning; 6,325 gls, Stockholm; 3,570 gls, Helsingfors; 6,300 gls, Helsingborg; 760 gls, Sundsvaal; (Norfolk) 50,535 gls, Brisbane; 108,625 gls, Sydney; 117,810 gls, Melbourne; 34,665 gls, Adelaide; 2,090 gls, Coamo, Trujillo

MOTOR—3,850 gls, Edam, Rotterdam

OLEO—47,187 lbs, Westernland, Antwerp; 47,020 lbs, McKeesport, Dublin; 57,662 lbs, Edam, Rotterdam

PEPPERMINT—800 lbs, Edam, Rotterdam

PINE—5,445 lbs, City of Auckland, Calcutta; 1,925 lbs, Stavangerfjord, Bergen; 4,766 lbs, Rex, Genoa

RAPESEED—121,156 gls, Jean Jadot, Antwerp

TRANSFORMER — 150 gls, Collingsworth, Buenos Aires

OILCAKE—451,210 lbs, Jean Jadot, Antwerp

PAINT—(Jean Jadot) 6,095 lbs, Antwerp; 877 lbs, Basle; 2,281 lbs, Westernland, Antwerp; 16,500 lbs, Otho, Kobe; 2,340 lbs, City of Auckland, Calcutta; 9,377 lbs, Maine, Honolulu; (Munargo) 2,096 lbs, Nassau; 5,442 lbs, Havana; 16,920 lbs, Exminster, Istanbul; (Ulua) 1,310 lbs, Porto Colombia; 3,492 lbs, Buenaventura; 11,188 lbs, Puntarenas

ASPHALT—(Stavangerfjord) 11,840 lbs, Oslo; 5,079 lbs, Oslo

PREPARED—17,484 lbs, Platano, Tela

THINNER—(Taubate) 1,000 gls, Santos; 500 gls, Rio de Janeiro; 2,750 gls, City of Auckland, Nairobi; 990 gls, Exminster, Piraeus

PALM KERNEL MEAL—226,240 lbs, Jean Jadot, Antwerp

PARAFFIN—8,920 lbs, Collingsworth, Buenos Aires; 22,610 lbs, Dundrum Castle, Port Natal; 7,018 lbs, City of Auckland, Calcutta; (McKeesport) 22,533 lbs, Manchester; 33,622 lbs, Dublin; (Stavangerfjord) 2,224 lbs, Trondhjem; 7,885 lbs, Oslo; (Santa Maria) 52,280 lbs, Coquimbo; 22,630 lbs, Buenaventura; 11,372 lbs, Chimbote; (Ulua) 79,376 lbs, Cartagena; 11,098 lbs, Buenaventura; 101,377 lbs, Siboney, Vera Cruz; 22,241 lbs, Ancon, Puntarenas; 20,201 lbs, Veragua, Havana; 5,562 lbs, Platano, Porto Barrios; 27,805 lbs, Rydboholm, Stockholm

REFINED—5,561 lbs, Rydboholm, Norrkoeping

SCALE—2,652 lbs, Westernland, Antwerp; 6,024 lbs, Dundrum Castle, Port Louis; 121,477 lbs, McKeesport, Manchester; 41,487 lbs, Norfolk, Melbourne

PETROLEUM, REFD—3,190 gls, Taubate, Santos; (Dundrum Castle) 60,000 gls, Port Louis; 19,000 gls, Point Galet; 15,000 gls, Coamo, Trujillo

PITCH—4,989 lbs, Munargo, Havana

POTASH, BICHROMATE—12,317 lbs, Argosy, Abo

MURIATE—440,920 lbs, Jean Jadot, Antwerp

ROSIN—4,653 lbs, Scanpenn, Gothenburg; 7,108 lbs, Argosy, Stockholm

SALT—54,925 lbs, Golden Cloud, Honolulu

SILICA—27,000 lbs, Golden Cloud, Honolulu

SOAP—1,079 lbs, Jean Jadot, Antwerp; 189,717 lbs, Irisbank, Manila; 14,695 lbs, San Jacinto, San Juan; 5,300 lbs, Golden Cloud, Hilo

LAUNDRY—4,700 lbs, Martinique, Jeremie

POWDER—3,050 lls, San Jacinto, San Juan; 5,955 lbs, Veragua, Havana

SODA ASH—100,100 lbs, Collingsworth, Rio Janeiro; 63,735 lbs, Golden Cloud, Honolulu; 229,080 lbs, Siboney, Vera Cruz; 150,000 lbs, Veragua, Havana

BICHROMATE—15,869 lbs, Stavangerfjord, Oslo

CAUSTIC—53,886 lbs, Taubate, Santos; 229,440 lbs, Otho, Yokohama; 459,840 lbs, Tatsuno, Osaka; 71,449 lbs, Munargo, Havana; 2,416 lbs. Golden Cloud, Honolulu; 15,885 lbs, Santa Maria, Buenaventura; (Ulua) 2,340 lbs, Belize; 17,950 lbs, Santa Marta; 11,000 lbs, Cartagena; 14,360 lbs, Porto Colombia; 85,842 lbs, Siboney, Vera Cruz; 18,088 lbs, Coamo, Trijillo; 16,950 lbs, Veragua, Havana

FLUORIDE—3,248 lbs, Norfolk, Brisbane

NITRATE—100,750 lbs, Golden Cloud, Kahului

SAL—96,432 lbs. Munargo, Havana

SESQUICARBONATE—19,780 lbs, Stavangerfjord, Oslo

SILICATE—101,087 lbs, Munargo, Havana; 1,600 lbs, Ancon, Panama City

SOLVENTS, PAINT—10,375 lbs, Collingsworth, Buenos Aires

STARCH, CORN—2,256 lbs, Westmoreland, Auckland; 1,040 lbs. Irisbank, Hongkong; 604 lbs, Dundrum Castle, Lourenco Marques; (McKeesport) 15,990 lbs, Manchester; 7,075 lbs, Dublin; 2,000 lbs, Oradell, Santiago; 1,000 lbs, Veragua, Guantanamo

STEARIN, OLEO—47,657 lbs, Edam, Rotterdam

SULPHUR—20,320 lbs, Ancon, Amapala

TALLOW—13,633 lbs, San Jacinto, Porto Plata

TANNING EXTRACT—46,208 lbs, Dundrum Castle, Port Natal

TURPENTINE—250 gls, Dundrum Castle, Port Louis; 1,000 gls, Collingsworth, Buenos Aires; (Westmoreland) 6,880 gls, Wellington; 260 gls, Lyttleton; 2,600 gls, Dunedin; 1,100 gls, Veragua, Havana

VARNISH—908 lbs, Stavangerfjord, Bergen; 951 lbs, Edam, Rotterdam

WITCH HAZEL EXTRACT—2,453 lbs, Ulua, Porto Colombia

ZINC OXIDE—2,450 lbs, Collingsworth, Buenos Aires; 1,932 lbs, San Jacinto, San Juan; 33,848 lbs, Norfolk, Sydney

Baltimore Exports

Clearance Dates

Black Tern, September 27; City of Flint, September 28; City of Hamburg, September 23; City of New York, September 23; Extavia, September 29; Jefferson Myers, September 22; Kinai, September 24; Maidan, September 24; Marga, September 24; Minnequa, September 28; Paraguayo, September 29; Robin Goodfellow, September 25; San Rafael, September 28; Tatsuno September 23

ACETONE—400 lbs, City of Hamburg, Hamburg

AMMONIA SULPHATE—100 tons, City of New York, Port Natal

ASBESTOS SAND—448 lbs, City of Hamburg, Germany

ASPHALT, SOLID—12,520 lbs, City of Hamburg, London

BLACK HAW TREE BARK—1,284 lbs, City of Hamburg, London

CADMIUM LITHOPONE—4,428 lbs, City of Hamburg, London

CALCIUM ARSENATE — (Jefferson Myers) 108,000 lbs, Pisco; 100,000 lbs, Paita; 50,000 lbs, Callao; 40,000 lbs, Huacho; 22,800 lbs, San Rafael, Pisco

CHEMICAL COMP—251 lbs, Robin Goodfellow, Zanzibar

DEXTRIN—4,000 lbs, Robin Goodfellow, Durban

ENAMEL WHITING COMP—56 lbs, City of Hamburg, London

ETHYL FLUID—4,098 lbs, Robin Goodfellow, Mombasa

GLASS FRIT, CRUSHED—3,000 lbs, City of Hamburg, London

LIQUID, CRUSHED—3,525 lbs, City of Hamburg, London

GLUE, LIQ—1,084 lbs, Robin Goodfellow, Durban

GREASE, LUBRICATING—800 lbs, Jefferson Myers, Salvador; 39,005 lbs, Kinai, Yokohama; (Minnequa) 4,044 lbs, Stockholm; 2,446 lbs, Malmo; 1,197 lbs, Gothenburg; 885 lbs, City of Hamburg, Oslo; (Marga) 5,157 lbs, Maracaibo; 1,200 lbs, Caracas; 1,250 lbs, Puerto Barco; (Black Tern) 7,683 lbs, Rotterdam; 3,815 lbs, Antwerp; 27,542 lbs, Hemixem; (San Rafael) 1,929 lbs, Panama; 5,408 lbs, Puerto Barrios; 6,455 lbs, Salvador; 150 lbs, Colon

INSECTICIDE—(Jefferson Myers) 141 lbs, Colon; 1,089 lbs, Tegucigalpa; 726 lbs, San Jose; 301 lbs, Black Tern, Anvers

IRON SAND—44,000 lbs, Paraguayo, Buenos Aires

LEAD ARSENATE—9,984 lbs, Robin Goodfellow, Capetown

LOBELIA HERB—2,650 lbs, City of Hamburg, Hamburg

MEDICINAL PREPS—2,030 lbs, Extavia, Aleppo

OIL, FISH—930 lbs, San Rafael, Cristobal

LUBRICATING—368 bbls, Maidan, London; 10,000 gls, Kinai, Dairen; 3,853 gls, Osaka; 29,422 gls, City of Hamburg, London; 256 bbls, City of Flint, Hull

PARIS GREEN—298 lbs, Robin Goodfellow, Capetown

ROSIN—99,960 lbs, Robin Goodfellow, Port Natal

SENEGA ROOT—440 lbs, City of Hamburg, Leipzig

SOLVENTS—1,375 gls, Paraguayo, Buenos Aires

STARCH—92,260 lbs, City of Hamburg, London; 22,400 lbs, City of Flint, Avonmouth

TONIC—2,030 lbs, Extavia, Aleppo

TURPENTINE—(Robin Goodfellow) 500 gls, Johannesburg; 1,000 gls, Port Natal

WATERPROOFING COMP—36,000 lbs, Paraguayo, Buenos Aires

Beaumont Exports

Clearance Dates

Alabama, September 26; Bianca, September 19; Davanger, September 17; Effingham, September 23; Jole Fassio, September 10; Frontenac, September 11; El Grifio, September 20; Albert L Ellesworth, September 10; Liberator, September 21; Motrix, September 11; Nishmaha, September 22; Nyholt, September 17; Pagao, September 11; Tuscania, September 17

BLACK, CARBON—(Liberator) 450 bgs, 37 cs, London; 50 bgs, 160 cs, Hull; (Nishmaha) 113 tons, Glasgow; 50 cs, Dublin; 11 tons, Bristol, via Avonmouth

PETROLEUM, CRUDE—93,927 bbls, Albert L Ellesworth, Montreal; 55,263 bbls, Jole

PETROLEUM, CRUDE (Continued):—
Fassio, Venice; 82,660 bbls, Frontenac, Montreal; 77,946 bbls, Effingham, Donges; 8,800 tons, Alabama, Trieste; 68,688 bbls, Motrix, Havre; 61,029 bbls, Pagao, Naples; 80,386 bbls, Davanger, Montreal; 92,797 bbls, Nyholt, Montreal; 76,856 bbls, Tuscania, Naples; 80,000 bbls, El Grillo, Montreal; 63,456 bbls, Bianca, Hamburg

SOAPSTOCK—233 bbls, Nishmaha, Glasgow

Boston Exports

Clearance Dates

American Banker, September 26; Blankaholm, September 27; Lady Drake, September 25; Saint John, September 28; Sarcoxie, September 30; Twilah & Rozelle, October 1; Yarmouth, September 27, 29

BLUE, LAUNDRY—2 cs, 160 lbs, Yarmouth, Halifax

BONE, GRD—584 bgs, 58,400 lbs, Twilah & Rozelle, Windsor, N S

BRISTLES—2 cs, 259 lbs, Saint John, St John, N B

CEMENT, CAN—10 dms, 4,515 lbs, American Banker, London

CHEMICALS—4 dms, 400 lbs, American Banker, London; 24 dms, 888 lbs, Sarcoxie, Havre

CLAY—57 bbls, 7 tons, Sarcoxie, La Courneuve

INK, PRINTING—1 cs, 86 lbs, American Banker, London; 147 dms, 64,883 lbs, Blankaholm, Helsingfors

INVALIDS' FOOD—1 cs, 252 lbs, Lady Drake, Hamilton (Bermuda)

LINING COMP—296 dms, 34,766 lbs, Sarcoxie, Havre

MEDICINAL PREPS—647 bxs, 3,235 gls, American Banker, London

MOLASSES—6 bbls, American Banker, London

OIL, FISH—1 can, 10 gls, Lady Drake, Hamilton

FLOOR—2 dms, 112 gls, Lady Drake, Hamilton

HARNESS—1 cs, 18 gls, Lady Drake, Hamilton

LUBRICATING—4 crtns, 20 gls, Saint John, St John, N B

OROPON—7 bbls, 1,835 lbs, Twilah & Rozelle, Windsor, N S

PAINT—1 cs, 89 gls, Saint John, St John, N B

ROSIN—100 bbls, 51,115 lbs, Twilah & Rozelle, Windsor, N S

SODA SULPHIDE—12 dms, 5,640 lbs, Twilah & Rozelle, Windsor, N S

VANILLA BEANS—2 cs, 226 lbs, Saint John, St John, N B

WITCH HAZEL EXTRACT—2 bbls, 100 gls, Saint John, St John, N B

Corpus Christi Exports

Clearance Dates

Procyon, September 14; Sommerstad, September 6; William Strachan, September 15

PETROLEUM, CRUDE—60,647 bbls, Sommerstad, Trieste; 102,673 bbls, Procyon, Dunkirk; 69,304 bbls, William Strachan, Trieste

Galveston Exports

Clearance Dates

Binnendijk, September, 24; Gypsum King, September 22; Justitia, September 28; San Alberto, September 22; San Ambrosio, September 28; San Pedro, September 24; Tortugas, September 25

BLACK, CARBON—2,500 bgs, San Pedro, Havre; 157 cs, 450 bgs, Binnendijk, Rotterdam; 52 cs, Tortugas, Oslo

GASOLINE — 10,550 tons, San Ambrosio, Havana

MOLYBDENITE—449 bbls, San Pedro, Havre; 968 bbls, Binnendijk, London

OIL, GAS—10,500 tons, San Alberto, Curacao

SULPHUR—(Gypsum King) 2,200 tons, Bathurst; 3,950 tons, Campbellton; 8,250 tons, Justitia, Sydney

Houston Exports

Clearance Dates

Annarella, September 22; Binnendijk, September 22; Cliona, September 22; Ditmar, Koel, September 24; Ivar, September 27; Livenza, September 27; Narbo, September 28; Nina Borthen, September 24; Nordnes, September 25; Petrofina, September 24; Polykarp, September 24; Sangro, Sept. 24; San Pedro, September 23; Steel Inventor, September 27; Tortugas, September 24; Trottiera, September 28; Westmoreland, September 22; West Chatala, September 25

BLACK, CARBON—(Westmoreland) 4,928 bgs, Havre; 300 bgs, Antwerp-Ghent; (Binnendijk) 81 tons, London; 1 ton, Newcastle; 1 ton, Karachi; 1 ton, Amsterdam; 2 tons, Calcutta; 2 tons, Glasgow; 200 tons, San Pedro, Havre; (Tortugas) 50 cs, Gothenburg; 150 cs, Copenhagen; 50 cs, Gdynia; (West Chatala) 1,000 bgs, 50 cs, Manchester; 8,500 bgs, Liverpool-Manchester; (Livenza) 75 cs, Susak; 147 cs, Salonica; 15 cs, Steel Inventor, Calcutta; (Narbo) 448 bgs, Antwerp; 2,200 bgs, Rotterdam

COTTONSEED CAKE — 1,000 tons, Ivar, Randers

MEAL—(Binnendijk) 150 tons, Antwerp; 225 tons, Rotterdam; 510 tons, Ditmar Koel, Hamburg; 508 sx, Tortugas, Oslo

GASOLINE—7,290 tons, Nina Borthen, Hamburg-Malmo-Wiborg-Antwerp; (Petrofina) 4,100 tons, Thameshaven; 1,800 tons, Killingham; 2,500 tons, Amsterdam; 8,500 tons, Polykarp, Havre-Bordeaux-Rouen

KEROSENE—1,300 tons, Nina Borthen, Hamburg-Malmo-Wiborg-Antwerp

LUBRICANTS—98 pkgs, Tortugas, Oslo

OIL, FUEL—7,500 tons, Sangro, Santa Cruz de Teneriffe

GAS—(Annarella) 5,300 tons, Belgium; 2,700 tons, Holland

LUBRICATING—(San Pedro 65 bbls, Havre; 30 bbls, Antwerp; 120 dms, Steel Inventor, Karachi

PETROLEUM, CRUDE—11,918 tons, Cliona, Montreal; 4,200 tons, Trottiera, Trieste

ROSIN—263 dms, Nordnes, Powell River

Lake Charles Exports

Clearance Dates

Capsa, September 26; Liberator, September 24

BISMUTH METAL — 201 bxs, Liberator, London

PETROLEUM, CRUDE — 92,815 bbls, Capsa, Montreal

ROSIN—300 bbls, Liberator, London

Los Angeles Exports

Clearance Dates

Acavus, September 21; Argyll, September 23; Arimasan, September 22; Chisone, September 16; Delftdyk, September 13; Djambi, September 11; Eduin, September 16; Himalaya, September 11; Kiyokawa, September 12; Knute Nelson, September 15; Komaki, September 20; Korrigan, September 20; Kwanto, September 9; Limerick, September 8; Lochmonar, September 10; Mijdrecht, September 20; Pacific Enterprise, September 18; President Hayes, September 6; Richmond, September 25; San Pedro, September 15; Santa Maria, September 24; Silveryew, September 10; Slemmestad, September 16; Toho, September 15; Toyohashi, September 10; Villanger, September 10; Warwick, September 22; Washington, September 13

ACETONE—(Eknaren) 4,650 lbs, Fremantle; 4,650 lbs, Adelaide

ACID, BORIC—15 bgs, 1,680 lbs, Limerick, New Plymouth; 80 bgs, 8,960 lbs, Delftdyk, Glasgow; (Pacific Enterprise) 200 bgs, 22,400 lbs, London; 320 bgs, 44,800 lbs, Glasgow; (Eknaren) 100 pkgs, 11,200 lbs, Brisbane; 95 bgs, 10,640 lbs, Adelaide

ALCOHOL, BUTYL—3,810 lbs, Knute Nelson, Hongkong

BORAX—(Limerick) 20 bgs, 2,240 lbs, Lyttleton; 350 bgs, 36,960 lbs, New Plymouth; 75 bgs, 11,110 lbs, Kwanto, Osaka; (Delftdyk) 880 bgs, 123,200 lbs, Liverpool; 1,240 bgs, 138,880 lbs, Glasgow; (Pacific Enterprise) 1,280 bgs, 179,200 lbs, London; 320 bgs, 44,800 lbs, Glasgow; (Eknaren) 575 pkgs, 64,400 lbs, Brisbane; 170 bgs, 19,040 lbs, Adelaide; 300 bgs, 33,600 lbs, Chisone, Istanbul

GRANULAR—80 bgs, 8,960 lbs, Limerick, Auckland

CLAY—480 sks, 49,280 lbs, President Hayes, Bahrein; 23 bgs, 2,300 lbs, Chisone, Cairo

FILTER—800 sks, 40,100 lbs, Lochmonar, Edmonton

COLOR, DRY—4,930 lbs, Limerick, Melbourne

GASOLINE — (Edwin) 55,780 bbls, 14,558,580 lbs, Manila; 20,000 bbls, 5,220,000 lbs, Cebu; 16,683 dms, 3,494,850 lbs, Himalaya, Yokohama - Kobe; 26,500 dms, 8,727,840 lbs, Toyohashi, Yokohama-Kobe; 1,750 dms, 537,450 lbs, Knute Nelson, Yokohama; 4,000 cs, 500 dms, 484,430 lbs, Silveryew, Manila; 82,431 bbls, 21,514,490 lbs, Acavus, London; 1,000 dms, 335,650 lbs, Eknaren, Adelaide

GREASE, LUBRICATING—2 dms, 800 lbs, Korrigan, Santa Rosalia

INFUSORIAL EARTH—(Limerick) 1,568 bgs, 156,800 lbs, Auckland; 3,890 bgs, 389,090 lbs, Sydney; 560 bgs, 56,000 lbs, Dunedin; 20 bgs, 2,240 lbs, Lyttleton; 20 bgs, 2,020 lbs, Wellington; (Knute Nelson) 2,200 bgs, 220,860 lbs, Kobe; 100 bgs, 10,080 lbs, Yokohama; 1,340 bgs, 134,400 lbs, Manila; 20 bgs, 2,240 lbs, Silveryew, Manila; 486 bgs, 44,800 lbs, Pacific Enterprise, Manchester; 538 bgs, 56,000 lbs, Chisone, Marseilles

KEROSENE — (Edwin) 13,005 bbls, 3,706,430 lbs, Manila; 10,000 bbls, 2,850,000 lbs, Cebu; 30 dms, 10,550 lbs, Limerick, Auckland; 100 dms, 35,910 lbs, Wellington, 5,500 cs, 467,500 lbs, Silveryew, Manila; 15,683 bbls, 4,469,660 lbs, Acavus, London; 12,525 bbls, 3,569,630 lbs, Warwick, Port Moody

LACQUER, COLORED — 430 lbs, President Hayes, Cairo

THINNER—2,240 lbs, President Hayes, Cairo

LITHARGE—300 lbs, Korrigan, Santa Rosalia

OIL, DIESEL — 8,336 bbls, 2,600,830 lbs, Komaki, Yokohama; 4,616 bbls, 1,440,190 lbs, Arimasan, Tama; 82,817 bbls, 25,838,900 lbs, Toho, Genzan; 2,115 bbls, 659,880 lbs, Slemmestad, Yokohama; 5,805 bbls, 1,811,160 lbs, Limerick, Auckland; 5,262 bbls, 1,641,740 lbs, Knute Nelson, Yokohama; (Leiv Eirikason) 40,000 bbls, 12,480,000 lbs, Osaka; 14,704 bbls, 4,587,650 lbs, Nagoya; 25 bbls, 9,360 lbs, San Pedro, Ensenada; 7,279 bbls, 2,271,050 lbs, Richmond, Mazatlan

FUEL—8,969 bbls, 2,986,680 lbs, Limerick, Wellington; 8,830 bbls, 2,940,390 lbs, Djambi, Bombay; 13,526 bbls, 4,504,160 lbs, Silveryew, Manila; 39,853 bbls, 13,271,050 lbs, Leiv Eirikason, Osaka; 125 bbls, 50,620 lbs, San Pedro, Ensenada; 24,066 bbls, 8,013,980 lbs, Argyll, Santa Rosalia; 47,989 bbls, 15,980,340 lbs, Santa Maria, Balboa; 47,390 bbls, 15,780,870 lbs, Richmond, Mazatlan; 200 bbls, 85,580 lbs, Korrigan, Santa Rosalia

ILLUMINATING (Limerick) 365 cs, 31,020 lbs, Auckland; 250 cs, 5,020 lbs, Sydney; 100 cs, 8,500 gls, Melbourne; 50 cs, 4,250 lbs, Dunedin; 25 cs, 2,120 lbs, Lyttleton; 150 cs, 12,750 lbs, New Plymouth; 10 dms, 500 cs, 7,950 lbs, Wellington

LEMON JUST—760 lbs, Villanger, Havre; 400 lbs, Kwanto, Tokio; 1,500 lbs, Delftdijk, London

LUBRICATING—130 bbls, President Hayes, Hongkong; 117 dms, 100 cs, Eknaren, Adelaide; 1,175 bbls, 455,900 lbs, Warwick, Port Moody; 48 dms, 23,670 lbs, Korrigan, Santa Rosalia

ORANGE—15,270 lbs, Pacific Enterprise, London

PINE—400 lbs, Korrigan, Santa Rosalia

SALAD—4,170 lbs, President Hayes, Manila

PAINT, LIQ—13,750 lbs, President Hayes, Bahrein

PECTIN, CITROUS—2,200 lbs, Delftdijk, London; 5,100 lbs, Pacific Enterprise, London

PETROLEUM, CRUDE—1,080 dms, 425,200 lbs, Limerick, Melbourne

SCOURING COMP—1,710 lbs, President Hayes, Singapore

SOAP, LAUNDRY—92,020 lbs, Washington, Ponce

SOAPSTOCK, COTTONSEED—8,640 lbs, Delftdijk, London

SODA ASH—170 bgs, 38,080 lbs, Limerick, Christchurch; 600 bgs, 132,280 lbs, Delftdijk, Amsterdam

CAUSTIC—400 lbs, Korrigan, Santa Rosalia

PHOSPHATE TRI — 3,900 lbs, Limerick, Christchurch

SULPHATE—1,370 lbs, Villanger, Havre

SOLVENTS—591 pkgs, 214,830 lbs, Knute Nelson, Yokohama; (Eknaren) 56,960 lbs, Sydney; 102,740 lbs, Melbourne

TITANIUM OXIDE—2,000 lbs, Knute Nelson, Hongkong

TOILET PREPS—600 lbs, President Hayes, Colombo; 300 lbs, Chisone, Gibraltar

TURPENTINE—(Limerick) 50 dms, 22,000 lbs, Lyttelton; 50 cs, 2,000 lbs, New Plymouth; 50 dms, 22,000 lbs, Lyttleton; 50 pls, 2,000 lbs, Wellington; 710 lbs, Kiyokawa, Bridgetown

ZINC STEARATE—350 lbs, Limerick, Melbourne

New Orleans Exports

Clearance Dates

Abangarez, August 31; Bodo, September, 30; Cefalu, September 7, 21; Ceiba, September 2; Contessa, September 13; Daytonian, September 20; Gansfjord, August 25; Heroy, September 4; Livenza, September 20; Morazan, September 2, 16; Norden September 24; Realf, September 21; Santa Marta, August 24; Sinaloa, August 27; Tegucigalpa, September 9; Tivives, August 27, Waban, August 21

ACID, STEARIC—10 tons, Tivives, Havana
ALUMINA SULPHATE—1 ton, Morazan, Vera Cruz
ASPHALT—10 dms, Tivives, Cristobal; 461 dms, Cefalu, Antofagasta; 214 dms, Contessa, Valparaiso; 19 tons, Daytonian, Liverpool
BAKING POWDER—150 ctns, Santa Marta, Tela
BARYTES—1,000 sx, Contessa, Havana
BLACK, CARBON—150 cs, Waban, Genoa; (Daytonian) 4 tons, Liverpool; 52 tons, Manchester; 5 tons, Cork; 27 tons, Norden, Kobe-Yokohama-Osaka; 5 cs, Contessa, Talcahuano
BONEMEAL—5 sx, Tivives, Panama
CALCIUM ARSENATE—10 dms, 1 cs, Tegucigalpa, Tampico
CHROME SULPHATE—1 ton, Morazan, Vera Cruz
CLAY—1,000 sx, Heroy, Coripito; 100 sx, Gansfjord, Puerto Colombia
DISTILLATE—150 dms, Contessa, Ceiba
DRUGS—1 ton, Daytonian, Manchester
FERROMANGANESE—46 tons, Morazan, Vera Cruz
FERTILIZER—30 sx, Gansfjord, Kingston
FIRECLAY—60 sx, Morazan, Vera Cruz
FULLER'S EARTH—3,200 sx, Tegucigalpa, Tampico
GASOLINE — 60 dms, Gansfjord, Callao; 45 dms, Sinaloa, Bluefields; 9,053 tons, Realf, Copenhagen; 10 dms, Ceiba, Alvaro Obregon
GLUCOSE—40 tons, Daytonian, Liverpool
GREASE, LUBRICATING—21 dms, 12 cs, Contessa, Havana; 5 dms, Cefalu, Puerto Cabezas
INK—16 dms, Tivives, Havana
KEROSENE—200 cs, Heroy, St Georges; 700 cs, Santa Marta, Tela; 30 ctns, 28 dms, 300 cs, Tivives, Puerto Limon; 15 dms, Sinaloa, Bluefields; 2,694 tons, Realf, Copenhagen; 65 cs, Cefalu, Puerto Cabezas; 8 dms, Ceiba, Alvaro Obregon; 20 cs, Contessa, Puerto Cabezas
LARD—400 tins, 1 bbl, Santa Marta, Puerto Barrios; 50 dms, 105 tins, 50 crts, Gansfjord, Santiago; 750 tins, 450 dms, 50 crts, Tivives, Havana; 200 crts, 491 tins, Cefalu, Havana; 650 tins, Tegucigalpa, Vera Cruz; (Abangarez) 20 tins, Belize; 650 tins, Puerto Barrios; 830 tins, Contessa, Havana; 200 tins, Morazan, Vera Cruz
LICORICE PASTE—1 ton, Morazan, Vera Cruz
OIL, COOKING—25 dms, 85 cs, Cefalu, Havana
COTTONSEED—10 dms, Tivives, Havana
FUEL—175 dms, Santa Marta, Puerto Barrios; 30 dms, Sinaloa, Bluefields; 25 dms, Abangarez, Puerto Barrios
LUBRICATING—53 tons, Daytonian, Liverpool; 57 dms, Cefalu, Puerto Cabezas; (Livenza) 37 dms, Beirut; 6 dms, Piraeus; 10 dms, Ceiba, Alvaro Obregon; 7 dms, Contessa, Puerto Cabezas; (Cefalu) 6 dms, Puerto Cabezas; 7 dms, Ceiba
PINE—8 dms, Tegucigalpa, Vera Cruz
REFINED—420 cs, 20 dms, Santa Marta, Puerto Barrios
PAINT—2 tons, Tivives, Havana; (Contessa) 1 ton, Buenaventura; 2 tons, Valparaiso; 12 dms, 8 cs, Puerto Cabezas; (Cefalu) 2 tons, Panama City; 61 tons, Havana
PARAFFIN—200 sx, Tegucigalpa, Vera Cruz; (Livenza) 204 sx, Trieste; 306 sx, Fiume
PINETAR—2 tons, Daytonian, Liverpool; 40 dms, Tegucigalpa, Vera Cruz; 22 dms, Morazan, Vera Cruz
ROSIN — 23 tons, Daytonian, Liverpool; (Tivives) 40 dms, Havana; 10 dms, Panama; (Norden) 8 tons, Kobe; 17 tons, Osaka; 200 dms, Cefalu, Valparaiso
WOOD—20 dms, Tivives, Puerto Limon; 50 dms, Cefalu, Panama; 10 dms, Abangarez, Puerto Barrios
SALT—50 tons, Tivives, Havana; 2 tons, Sinaloa, Bluefields; 85 tons, Cefalu, Havana; 1 ton, Abangarez, Belize; (Contessa) 95 tons, Havana; 1 ton, Colon; 5 tons, Puerto Cabezas
SOAP—500 ctns, Sinaloa, Bluefields
SODA, CAUSTIC—65 dms, Cefalu, Havana
STARCH—100 sx, Tivives, Havana
SULPHUR—3,300 tons, Bodo, Aruba
SUPERPHOSPHATE—50 sx, Contessa, Callao
TRIPOLI—90 tons, Daytonian, Manchester
TURPENTINE—60 cs, Tivives, Havana; 20 cs, Cefalu, Paita
WAX, FLOOR—7 dms, Morazan, Vera Cruz

Norfolk Exports

Clearance Dates

City of Baltimore, September 17; City of Havre, September 10; Hjelmaren, September 20

BONE, SCRAP—526 bgs, 35,200 lbs, City of Havre, Hamburg
BUTYL ACETATE—180 dms, 79,470 lbs, City of Havre, London
CELLULOSE ACETATE—92 cs, 35,872 lbs, City of Baltimore, Hamburg
CLEANER, DRY—2 cs, City of Baltimore, London
DICHLORODIFLUOROMETHANE — 18 dms, City of Baltimore, London
MEDICINAL PREPS—8 bxs, 4 pkgs, City of Baltimore, London
MICA—220 bgs, 22,220 lbs, City of Baltimore, London
PULV—380 bgs, 38,380 lbs, City of Havre, Hamburg
POTASH MURIATE—5,000 bgs, 496 tons, Hjelmaren, Stockholm
TANNING EXTRACT—25 bbls, 15,128 lbs, City of Baltimore, London; 5 bgs, City of Havre, London

Philadelphia Exports

Clearance Dates

Black Eagle, September 30; City of Flint, September 25; Clan Macbean, September 28; Cypria, September 25; Examiner, September 25; Giulia, September 29; Ingrid, September 27; Kiyokawa, October 1; Kolsnaren, September 30; Thode Fagelund, September 28; Waukegan, September 24

AMYL ACETATE—20 dms, Thode Fagelund, Rio de Janeiro
ASPHALT, PETROL—1 dm, Black Eagle, Antwerp
BARIUM—2 bxs, 2 dms, Black Eagle, Rotterdam
BENZOL—76 dms, Thode Fagelund, Buenos Aires
CLAY, PELLET—415 bbls, Giulia, Naples
COCOA, BUTTER—23 bls, Kiyokawa, Dairen
WASTE—2,793 bgs, Black Eagle, Amsterdam
COTTON LINTERS—32 bls, City of Flint, London
ETHYL FLUID—(Examiner) 14 dms, Algiers; 3 dms, Tunis
FILTER SAND—100 bgs, Cypria, Lisbon
GASOLINE—(Clan Macbean) 300 bbls, Walfisch Bay; 1,750 cs, 500 bbls, Luderitz Bay; 1,900 bbls, Port Elizabeth; 250 cs, East London; 2,250 cs, Beira; 800 bbls, Mossel Bay
GREASE, LUBRICATING—1 dm, 4 pls, 2 kgs, 2 cs, Waukegan, Dublin; (Clan Macbean) 10 cs, Luderitz Bay; 35 cs, 10 dms, Port Elizabeth; 5 cs, East London; 50 dms, 180 bkts, Durban; 25 bkts, Lourenco Marques; 3 bbls, Black Eagle, Amsterdam
INSECTICIDE—(Clan Macbean) 60 cs, Durban; 47 cs, Lourenco Marques
LICORICE, PASTE—50 cs, Waukegan, Glasgow
POWDER—4 pkgs, Cypria, Lisbon
LINSEED CAKE — (Waukegan) 1,920 bgs, Dublin, 1,280 bgs, Liverpool; 1,920 bgs, City of Flint, Hamburg; 6,523 bgs, Black Eagle, Antwerp; 640 bgs, Kolsnaren, Gothenberg-Malmo-Norrkoeping-Stockholm
MEAL—(Ingrid) 1,810 bgs, Port of Spain; 410 bgs, Georgetown; 3,585 bgs, Bridgetown; 2,030 bgs, Black Eagle, Antwerp
MANGANESE ORE—200 bgs, Clan Macbean, Port Elizabeth
MEDICINAL PREPS—6 ctns, Examiner, Ceuta
MINERAL SPTS—(Clan Macbean) 200 bbls, Durban; 15 cs, Beira
OIL, ILLUMINATING — (Clan Macbean) 3,550 cs, Walfisch Bay; 1,800 cs, Luderitz Bay; 1,200 cs, Mossel Bay; 1,000 cs, Port Elizabeth; 750 cs, East London; 3,250 cs, Durban; 2,000 cs, Lourenco Marques; 1,500 cs, Beira
LUBRICATING—(Examiner) 15 dms, Casablanca; 230 dms, Tangier; 10 dms, 20 pkgs, Oran; 50 dms, Algiers, 30 dms, Tunis; (Waukegan) 175 bbls, Manchester; 100 bbls, 20 dms, Liverpool; (Cypria) 443 pkgs, Lisbon, 5 pkgs, San Thome; 5 pkgs, Benguela; 1 pkg, Loanda, 15 pkgs, Porto Amboina; 7 pkgs, Novo Redondo; 35 pkgs, Praia; 132 pkgs, Leixoes, 446 pkgs, Gibraltar; 227 pkgs, Oudjda; 40 pkgs, Tangier; 1,427 pkgs, Casablanca; 60 bbls, 30 pkgs, Marseilles; 10 dms, 17 ctns, Tomatave; (City of Flint) 300 bbls, 1 cs, London; 49 bbls, Hamburg; (Clan Macbean) 135 dms, 75 cs, Walfisch Bay; 42 dms, 125 cs, Luderitz Bay; 400 dms, Capetown; 470 dms, 50 cs, Port Elizabeth; 530 dms, 55 cs, East London; 1,986 dms, 290 cs, Durban; 530 dms, 385 cs, Lourenco Marques; 1,564 pkgs, Thode Fagelund, Rio de Janeiro; (Black Eagle) 70 dms, 227 bbls, 220 tons, Antwerp; 10 dms, Amsterdam; 834.94 tons, 411 pkgs, Giulia, Genoa; 260 dms, Kiyokawa, Osaka; (Kolsnaren) 5 bbls, 190 pkgs, Gothenburg; 25 bbls, 221 pkgs, Stockholm; 15 pkgs, Helsingborg; 74 pkgs, Malmo; 37 pkgs, Norrkoeping; 20 pkgs, Sundvall; 125 pkgs, Helsinki
NEATSFOOT—12 bbls, Cypria, Marseilles; (Black Eagle) 10 bbls, Antwerp; 52 dms, Rotterdam
PAINT—10 ctns, 23 kits, Cypria, Lisbon
ENAMEL—88 kits, Cypria, Lisbon
PARAFFIN—213 bls, Waukegan, Manchester; 200 bgs, Cypria, Oporto; (Kolsnaren) 50 bgs, Halmstad; 25 bbls, Gothenburg; 83 bbls, Stugsund; 100 bgs, 83 bbls, Stockholm
REFINED—100 bgs, Cypria, Lisbon; 31 bgs, City of Flint, Dundee
PASTE—1 pkg, Cypria, Lisbon

Port Arthur Exports

Clearance Date

Velma Lykes, September 20

ASPHALT, PETROLEUM—(Velma Lykes) 1 bx, Mayaguez; 150 dms, Ponce; 1 dm, Arecibo; 100 dms, San Juan
GASOLINE—(Velma Lykes) 12 bbls, Ponce; 400 cs, Guayanilla
GREASE, LUBRICATING—(Velma Lykes) 67 dms, La Guaira; 6 dms, Mayaguez; 3 dms, Ponce; 7 cs, Arecibo; 20 dms, 26 cs, San Juan; 7 dms, 5 cs, Guayanilla
KEROSENE—(Velma Lykes) 1,000 cs, Mayaguez; 1,200 cs, Ponce; 600 cs, Arecibo; 1,310 cs, San Juan; 1,000 cs, Aguadilla; 150 cs, Fajardo
OIL, LUBRICATING—(Velma Lykes) 177 dms, 50 cs, La Guaira; 3 dms, 30 cs, Mayaguez; 17 dms, 1 cs, Ponce; 28 dms, 9 cs, Arecibo; 84 dms, 29 cs, San Juan; 29 dms, 25 bbls, Guayanilla; 3 dms, 4 cs, Aguadilla; 5 dms, 9 cs, Fajardo
SOLVENT, CLEANING—(Velma Lykes) 2 dms, Arecibo; 4 cs, Aguadilla
WAX DRESSING, LIQ—(Velma Lykes) 1 cs, Mayaguez; 1 cs, Ponce

San Francisco Exports

Clearance Dates

Antigua September 17; Brazilian Reefer, September 16; Chisone, September 14; Djambi, September 17; Eknaren, September 17; Garonne, September 15; Heranger, September 15; Manoeran, September 16; Monterey, September 13; Pacific Enterprise, September 16; Rosebank, September 18; San Ramon, September 15; Santa Rosa, September 17; Shunten, September 18; Silveryew, September 13; Skaaras, September 13; Wisconsin, September 20

ACETONE—31 dms, Eknaren, Australia
ACID, CRESYLIC—10 dms, Santa Rosa, San Antonio
ALUMINA SULPHATE—500 sks, Monterey, New Zealand
APRICOT KERNELS—400 sks, Heranger, Holland; (Pacific Enterprise) 100 sks, Liverpool; 205 sks, London; 45 sks, Plymouth; 25 sks, Wisconsin, France
ASPHALT — 10 dms, Monterey, Tasmania; (Manoeran) 708 dms, Port Elizabeth; 215 dms, 130 pkgs, Durban; 75 dms, Beira; 608 dms, Capetown; 293 dms, Eknaren, Australia; (Djambi) 2,660 dms, Batavia-Samarang; 1,515 dms, Sourabaya-Cheribon-Medan; 5 dms, Batavia; 465 dms, Sourabaya-Samarang-Batavia
CRUDE—245 sks, Brazilian Reefer, France; 250 sks, Eknaren, Australia
GILSONITE—253 sks, Wisconsin, France
BENZIN—20 dms, Eknaren, Australia
BIOLOGICALS—3 cs, Monterey, Australia
CARBON, DECOLORIZING — 5 kgs, Santa Rosa, Guatemala
CALCIUM PHOSPHATE, TRI—36 sks, Monterey, Australia
CEMENT, ELASTIC—1 cs, Monterey, Samoa
LIQUID—2 dms, Eknaren, Australia; 31 dms, Monterey, Australia
ROOF—(Manoeran) 20 pls, Port Natal; 5 dms, Durban
CHEMICALS—2 dms, Monterey, Australia; 2 dms, Eknaren, Australia
CLEANER, GLASS—(Rosebank) 2 dms, 40 cs, Vancouver; 375 cs, Shellburn
CORKS—31 bbls, Monterey, New Zealand
COTTONSEED MEAL — 1,000 sks, Shunten, Japan
DRUGS—(Monterey) 2 cs, New Zealand; 1 cs, Australia; 3 cs, Fiji Islands
EPSOM SALT—40 sks, Santa Rosa, Mazatlan
GASOLINE—13,632 bbls, Skaaras, Dairen for orders; (Garonne) 18,000 bbls, Tsingtao; 29,110 bbls, Taku Bar
AVIATION—81 dms, Rosebank, Shellburn
GREASE, LUBRICATING—310 dms, Monterey, Australia; 347 dms, 1 cs, Eknaren, Australia; (Djambi) 10 pls, Iloilo; 27 dms, 46 cs, 35 pls, Cebu; (Rosebank) 41 dms, 150 pls, 10 cs, Shellburn; 82 dms, 26 cs, 220 pls, Vancouver
GUM SHELLAC—1 bbl, Monterey, Australia
TRAGACANTH—5 bbls, Monterey, Australia
HYDROGEN—1 cs, Monterey, Australia
INSECTICIDE, AGRIC—1 crt, Monterey, Australia
DRY—10 sks, Manoeran, Capetown
HOUSEHOLD—(Djambi) 11 cs, Iloilo; 15 cs, Cebu
IRIUM—2 dms, Monterey, Australia
KEROSENE—(Garonne) 18,000 bbls, Tsingtao; 18,617 bbls, Taku Bar; 680 dms, Eknaren, Australia
LACQUER—33 cs, Manoeran, Durban
THINNER—40 dms, Manoeran, Durban
LEAD ARSENATE—40 dms, Monterey, Australia
METALLIC, PASTE—1 pkg, Pacific Enterprise, Glasgow
LIME HYDRATE—600 sks, Rosebank, Vancouver
LINING COMP—(Monterey) 1 dm, New Zealand; 75 dms, Australia
LUBRICANT—3 cs, Monterey, Australia
MEDICINAL PREPS—2 cs, Manoeran, Port Elizabeth; 1 crt, Monterey, New Zealand
METHYL CHLORIDE—1 cyl, Djambi, Iloilo
MILK SUGAR—430 bbls, Pacific Enterprise, London
MINERAL SPTS—500 dms, Eknaren, Australia
MOLYBDENUM CONCEN—164 dms, Heranger, Belgium
NAPHTHA—200 dms, Eknaren, Australia
NITROUS OXIDE—11 cyls, Monterey, New Zealand
OIL, COCONUT—27 dms, Monterey, New Zealand; (Santa Rosa) 15 dms, San Jose de Guatemala; 20 dms, Santa Rosa, Guayaquil
DIESEL—8,596 bbls, Garonne, Tsingtao
FISH, HARDENED—300 sks, Santa Rosa, Panama
LUBRICATING—20 dms, Silveryew, China; 2,949 dms, 1 cs, Monterey, Australia; 50 dms, Heranger, France; (Manoeran) 30 dms, 50 cs, Port Elizabeth; 60 cs, 70 dms, Capetown; 345 dms, 280 cs, Durban; 465 cs, 80 dms, Lourenco Marques; 10 dms, 130 cs, Beira; 20 dms, East London; (Santa Rosa) 4 dms, San Jose de Guatemala; 100 dms, Guayaquil; 2,018 dms, 50 cs, Eknaren, Australia; (Djambi) 160 dms, Madras; 2 dms, Menado; 6 dms, Sibolga; 84 dms, Palembang; 148 dms, 2 cs, Samarang; 160 dms, Penang; 230 dms, Sourabaya; 153 dms, 6 cs, Batavia; 275 dms, Singapore; 713 dms, Karachi; 975 dms, Bombay; 150 dms, Colombo; 252 dms, 15 cs, Iloilo; 244 cs, 937 dms, Cebu; 2,068 dms, Manila; 3 cs, 14 dms, Medan; 40 dms, Port Swettenham; 65 dms, Bombay; 44 dms, 10 cs, Rosebank, Vancouver; 65 dms, Wisconsin, France
MACHINE—2 cs, Monterey, Fiji Islands
MIXING—1 kg, Santa Rosa, San Jose de Guatemala
PEPPERMINT—2 cs, Monterey, Australia
PAINT—(Manoeran) 34 cs, 10 pls, Capetown; 34 cs, 35 pls, 55 dms, Durban; 6 cs, Lourenco Marques; 54 pls, 10 cs, Beira; (Santa Rosa) 2 dms, Valparaiso; 33 kegs, Guatemala; 40 kegs, 4 cs, San Jose de Guatemala; 3 dms, 7 cs, Colon; 8 kegs, 9 cs, La Libertad; 40 pls, Panama; 5 dms, 110 kegs, Djambi, Manila
LIQUID—7 cs, Monterey, Fiji Islands
RESIN BASE—1 cs, Manoeran, Durban
PASTE, ADHES—1 pl, Eknaren, Australia
PERFUMERY—13 cs, 1 dm, Monterey, Australia; 1 cs, Rosebank, Vancouver
PETROLEUM—25 dms, Monterey, Australia; (Manoeran) 100 cs, 10 dms, East London; 250 cs, 15 dms, Capetown; 5 dms, Port Elizabeth; 70 dms, Durban; 243 dms, Eknaren, Australia; (Djambi) 200 dms, 70 cs, Madras; 15 cs, Bombay; 20 dms, 3 cs, Batavia
CRUDE—80,000 bbls, San Ramon, Japan
REFINED—93,560 bbls, Skaaras, Dairen for orders
POLISH—1 bbl, Rosebank, Vancouver
METAL—50 cs, Djambi, Cebu
3 dms, Rosebank, Vancouver
POTASH, ELECTROLYTE — 1 cs, Monterey, Australia
POTASH, ETHYL XANTHATE—224 dms, Manoeran, North Rhodesia
XANTHATE—231 dms, Chisone, Greece
PRESERVER, WOOD—20 dms, Santa Rosa, San Salvador
RUBBING COMP—12 kits, Manoeran, Durban
SACCHARIN—4 cs, Monterey, Australia
SALT—(Rosebank) 533 tons and 4,640 sks, 210 cs, Vancouver; 540 tons and 17,008 sks, Chemainus; 8,000 sks, Barclay Sound
SHELLAC, GUM—1 bbl, Monterey, Australia
WHITE—5 bbls, Rosebank, Victoria
SOAP—10 cs, Antigua, Cristobal
TOILET—2 cs, Monterey, Samoa
SODA, BENZOATE — 2 dms, Monterey, Australia
CAUSTIC—30 dms, Santa Rosa, Mazatlan
PHOSPHATE—833 sks, Monterey, Australia
PHOSPHATE, TRI—1 cs, Monterey, Australia
SILICATE—135 dms, Rosebank, Vancouver
SOLDER, FLUX—2 dms, Monterey, New Zealand
SALTS—2 dms, Monterey, New Zealand
SULPHUR FLOWERS — 381 sks, Eknaren, Australia
REFINED—(Monterey) 22 sks, New Zealand; 400 sks, Australia; 5 bbls, Eknaren, Australia
TALLOW—100 dms, Santa Rosa, San Jose de Guatemala; 190 dms, Antigua, Panama
TOILET PREPS — (Monterey) 2 cs, New Guinea; 5 cs, Tonga
TREE WASH, DRY — 170 cs, Monterey, Australia; 68 tanks, 2 dms, 2 pls, Manoeran, Capetown
VARNISH—(Santa Rosa) 4 cs, San Jose de Guatemala; 2 cs, La Libertad; 4 cs, Djambi, Manila
ZINC DUST—391 dms, Djambi, Manila; 100 dms, Rosebank, Vancouver

Savannah Exports

Clearance Dates

Brynymor, September 28; City of Christchurch, September 28; City of Havre, September 10; Konsul Hendrik Fisser, September 25; Sundance, September 29

CLAY—1,260 bgs, Konsul Hendrik Fisser, London; 2,960 bgs, Sundance, Liverpool
COTTON LINTERS—(Brynymor) 400 bls, Liverpool; 598 bls, Manchester; (Sundance) 78 bls, Liverpool; 707 bls, Manchester
DEER TONGUE LEAVES—24 bls, Konsul Hendrik Fisser, Antwerp
OIL, PINE—75 dms, Konsul Hendrik Fisser, Rotterdam
ROSIN, GUM—(Konsul Hendrik Fisser) 200 bbls, London; 80 bbls, Antwerp; 575 bbls, Rotterdam; 250 bbls, City of Christchurch, Hongkong; (Sundance) 150 bbls, Liverpool; 80 bbls, Manchester; 395 bbls, Glasgow
SIZE, DRY—(Konsul Hendrik Fisser) 200 bgs, London; 45 bgs, Rotterdam
WOOD—22 bbls, Konsul Hendrik Fisser, Antwerp
TURPENTINE, GUM—(Konsul Hendrik Fisser) 1,356 cks, 200 dms, 2,255 bbls, London; 178 bbls, Antwerp; 700 bbls, Rotterdam; (Sundance) 700 bbls, Liverpool; 200 bbls, Manchester; 150 bbls, Glasgow
WOOD—200 pls, City of Christchurch, Manila

Tampa Exports

Clearance Date

Wanja, September 22

PHOSPHATE—3,923 tons, Wanja, Landskrona

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—81,401 bbls, Frederick R Kellogg, Baytown
OIL, FUEL—42,529 bbls, Norman Bridge, Baytown; 36,103 bbls, Castana, Carteret
PETROLEUM, CRUDE—60,763 bbls, Federal, Houston; 74,084 bbls, W E Hutton, Smiths Bluff; 74,506 bbls, Derbyline, Port Arthur; 53,776 bbls, Paco, Texas City; 99,515 bbls, Thermo, Texas City; 15,558 bbls, Castana, Carteret, N J; 87,439 bbls, Sylvan Arrow, Providence; (Dunagannon) 76,578 bbls, Port Arthur; 75,713 bbls, Port Neches; 77,914 bbls, Malacca, Baytown; 76,369 bbls, Garnet Hulings, Baytown; 68,612 bbls, Cities Service Koolmotor, Boston; 32,761 bbls, R W McIlvain, Norfolk; 114,612 bbls, W C Teagle, Baytown; 146,066 bbls, G Harrison Smith, Baytown; 139,692 bbls, Charles G Black, Baytown

Galveston Coast Trade

SULPHUR—(W R Keever) 1,800 tons, Portland Ore; 500 tons, Vancouver; 1,000 tons, Hoquiam; 2,800 tons, Tacoma

Houston Coast Trade

OIL, FUEL—42,000 bbls, Caloria, Bayonne

Los Angeles Coast Trade

GASOLINE—68,276 bbls, Utacarbon, Seattle; 81,568 bbls, Agwiworld, Portland; 74,539 bbls, Deroche, Oleum; 12,435 bbls, La Purisima, San Diego; 7,865 bbls, San Diegan, San Diego; 14,637 bbls, Warwick, Port San Luis; 17,019 bbls, La Purisima, San Diego
OIL, DIESEL—5,715 bbls, Utacarbon, Seattle; 4,762 bbls, Tejon, Portland; 6,575 bbls, La Purisima, San Diego; 1,422 bbls, San Diegen, San Diego; 2,208 bbls, La Purisima, San Diego
FUEL—49,517 bbls, Torres, San Francisco; 24,608 bbls, Brandywine, Seattle; 5,334 bbls, Deroche, Oleum; 24,744 bbls, Paul Shoup, Everett; 2,381 bbls, Coast Shipper, Portland; 61,860 bbls, Tejon, Portland; 14,867 bbls, La Purisima, San Diego; 52,525 bbls, Cuyama, Bremerton; 7,736 bbls, La Purisima, San Diego
FURNACE—5,746 bbls, Utacarbon, Seattle
ROAD—19,900 bbls, Brandywine, Seattle
PETROLEUM, CRUDE—79,080 bbls, Montebello, Oleum

New Orleans Coast Trade

CREOSOTE—1,977 tons, Adria, Galveston

San Francisco Coast Trade

ALUMINA SULPHATE — 1,334 sks, West Notus, Portland, Ore
APRICOT KERNELS—25 tons, Susan V Luckenbach, New York
18 tons, Panaman, New York
ASPHALT—15 tons, Santa Rosa, New York
80 bbls, Coast Trader, Portland, Ore
100 bbls, Panaman, New York
ASPHALTUM, CRUDE—500 cs, Peter Helms, Seattle
BLUE STONE—69 bbls, El Cedro, Seattle
BONE MEAL—400 sks, West Notus, Portland, Ore
400 sks, Coast Trader, Portland, Ore
CASCARA BARK—9 tons, Susan V Luckenbach, New York
CASEIN—23 tons, Georgian, New York
CHLORINE BLEACH, LIQ—2,000 cs, Arkansan, Baltimore
1,250 cs, Georgian, Port Newark
2,000 cs, Georgian, Philadelphia
4,000 cs, Panaman, Charleston
2,500 cs, Panaman, Port Newark
4,000 cs, Panaman, Philadelphia
COCONUT, DESIC—200 cs, President Hoover, Los Angeles
12 tons, San Clemente, Jacksonville
51 tons, San Clemente, Savannah
32 tons, San Clemente, Baltimore
40 tons, San Clemente, Norfolk
131 cs, F J Luckenbach, Mobile
1 cs, F J Luckenbach, New Orleans
250 cs, F J Luckenbach, New Orleans
949 cs, Panaman, Philadelphia
COLOR, EARTH, DRY—13 tons, Georgian, New York
COTTONSEED MEAL—2,300 sks, Peter Helms, Seattle
FERTILIZER—400 sks, Coast Trader, Portland, Ore
GLUE, DRY—18 tons, Susan V Luckenbach, Boston
GLYCERIN—20 tons, Santa Rosa, New York
GREASE, LUBRICATING—31 tons, Panaman, New York
HONEY—29 tons, San Clemente, Baltimore
13 tons, Panaman, New York
MAGNESITE—15 tons, El Cedro, Seattle
70 tons, Susan V Luckenbach, New York
45 tons, Georgian, New York
15 tons, Georgian, Port Newark
27 tons, Georgian, Philadelphia
MAGNESIA HYDROXIDE—11 tons, F J Luckenbach, New Orleans
MILK POWDER—20 tons, Arkansan, Baltimore
20 tons, Susan V Luckenbach, New York
20 tons, Santa Rosa, New York
24 tons, Panaman, Boston
SUGAR—24 tons, Georgian, Philadelphia
MINERALS—800 sks, Coast Trader, Portland, Ore
OIL—1,228 pkgs, West Notus, Portland, Ore
CHINAWOOD—75 dms, F J Luckenbach, Houston
50 dms, F J Luckenbach, New Orleans
LUBRICATING—14 tons, Georgian, Port Newark
PETROLEUM—50 tons, Panaman, New York
PRUNE CONCENTRATE—6 tons, Georgian, Port Newark
QUICKSILVER—80 flsks, Georgian, New York
SALT—502 tons, El Cedro, Tacoma
800 pkgs, Peter Helms, Tacoma
4,439 sks, West Notus, Portland, Ore
1,661 sks, Coast Trader, Portland, Ore
SAND—900 sks, West Notus, Portland, Ore
SILICA—600 tons, El Cedro, Tacoma

SODA SILICATE—250 bbls, Peter Helms, Seattle
XANTHATE—22 tons, Georgian, New York
SPEISS, BULK—339 tons, El Cedro, Tacoma
GRANULATED—1,400 sks, El Cedro, Tacoma

Cargo Ship Arrivals

October 2 to October 15

New York

American Merchant	London	Oct 11
American Traveler	Hamburg*	Oct 10
American Robin	Port Angeles*	Oct 12
Ancon	Cristobal*	Oct 11
Angelina	San Juan	Oct 11
Anna Maersk	Manila*	Oct 12
Aquitania	Southampton*	Oct 12
Arizonan	Tacoma*	Oct 14
Baghdad	Hamburg	Oct 8
Berlin	Bremen*	Oct 11
Birmania	Genoa*	Oct 15
Black Falcon	Rotterdam*	Oct 15
Black Gull	Rotterdam*	Oct 6
Black Osprey	Rotterdam*	Oct 13
Borinquen	Trujillo*	Oct 11
Cathlamet	Freetown*	Oct 4
Cauto	Vera Cruz*	Oct 7
Charles R McCormick	Seattle*	Oct 6
Chattanooga City	Honolulu*	Oct 9
Chateau Thierry	Panama	Oct 13
City of Cardiff	Calcutta*	Oct 11
City of Eastbourne	Calcutta*	Oct 15
City of Glasgow	Bluff*	Oct 8
Coamo	Trujillo*	Oct 4
Collamer	Havre*	Oct 12
Colombia	Cristobal*	Oct 4
Dakotan	Longview*	Oct 7
Dorothy Cahill	Astoria*	Oct 15
Dorothy Luckenbach	Seattle*	Oct 14
Dromore Castle	Beira*	Oct 11
Elin K	London*	Oct 12
Emile Francqui	Antwerp	Oct 9
Europa	Bremen*	Oct 14
Eurymedon	Batavia*	Oct 4
Excalibur	Alexandria*	Oct 13
Express	Salonica*	Oct 11
Flora	Maracaibo*	Oct 11
Fort Townshend	St Pierre*	Oct 7
Franconia	Liverpool*	Oct 11
Fredhem	Ilheos*	Oct 11
Georgian	Seattle*	Oct 10
Gera	Melbourne*	Oct 7
Golden West	Honolulu*	Oct 8
Greylock	Mombasa*	Oct 13
Gunvor	Georgetown*	Oct 12
Haiti	Cristobal*	Oct 11
Hanley	Seattle*	Oct 10
Ingria	Marseilles*	Oct 13
Kano	Manila*	Oct 6
Kosei	Kobe*	Oct 8
Kota Pinang	Macassar*	Oct 13
Koyei	Yokohama*	Oct 14
Lara	Curacao*	Oct 14
Laura C	Trieste*	Oct 14
Liberty	Liverpool*	Oct 6
Madoera	Macassar*	Oct 7
Mahronda	Calcutta*	Oct 7
Manuela	San Juan	Oct 4
Martinique	Aux Cayes*	Oct 9
Minden	Rosario*	Oct 10
Missourian	Seattle*	Oct 5
Munargo	Havana*	Oct 14
Musa	Puerto Barrios*	Oct 14
Nankai	Manila*	Oct 8
Normandie	Havre*	Oct 14
Noshiro	Kobe*	Oct 13
Panaman	Astoria*	Oct 12
Pan America	Buenos Aires*	Oct 6
Panuco	Tampico*	Oct 15
Pennsylvania	San Francisco*	Oct 11
President Polk	Manila*	Oct 6
Rex	Genoa*	Oct 14
Sagaporack	Stockholm*	Oct 10

* And other ports

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended October 7

Aloe, 25 cases; excessive acid insoluble ash.

Aloe, 4 cases; excessive alcohol insoluble residue.

Ampoules post-pituitary, 1 case; contains undeclared Chlorobutanol.

Carob beans, 1,326 cases; wormy.

Codliver oil, 128 drums; nondestearinated and not so labeled.

Cod oil, industrial, 750 barrels; restricted use.

Coriander seed, 1,675 bags; filthy.

Eucalyptus oil, 20 drums; restricted use.

Irish moss, 50 bales; excessive foreign organic matter.

Jalap Root, 14 bags; deficient in resins of jalap.

Kamala, 56 bags; deficient in ether soluble extractive.

Ling berries, 100 barrels; wormy.

Medicinal preparations, 2 cases; misbranded as to composition.

Medicinal preparations, 2 cases; false and misleading statements.

Medicinal preparations, 12 cases; false therapeutic claims.

Pollack liver oil, 39 drums; restricted use.

Poppy seed, 100 bags, filthy.

Boston

Week Ended October 7

Medicinal preparations, 3 cases; false therapeutic claims.

Los Angeles

Week Ended September 30

Medicinal preparations, 49 pieces; false therapeutic claims.

Philadelphia

Week Ended October 7

Medicinal preparations, 1 case; false therapeutic claims.

San Francisco

Week Ended September 30

Medicinal preparations, 100 pieces; acetanilid not declared.

Organic Chemicals By Electrolysis

(Continued from page 5)

5,000-ampere generators at between 15 and 20 volts. The connectors are heavy copper bars.

In the first cell, the sugar solution is electrolytically treated until it reaches a certain condition, determined by gravity and physico-chemical tests. It is then flowed out through a specially constructed valved outlet designed to avoid a vortex and prevent the inclusion of air. The liquid flows down to a treating tank on the floor below the mezzanine on which the electrolytic cells are located. From this it passes, through glass pipes in a compact cooling system, under pressure to the second cell of the series.

The process flow goes on in similar fashion through the second and third cells and their associated treating tanks and coolers. Denatured ethyl alcohol is then introduced to separate the mannitol from the sorbitol by precipitation. The mixture is then centrifuged. The mannitol goes through one system; is dissolved in distilled water; crystallized; redissolved; and recrystallized. Then it is dried under vacuum and transferred through portable hoppers for packing.

The sorbitol passes into another system. The denatured alcohol is recovered, to pass through a scrubbing process and other treatment in preparation for reuse.

The sorbitol passes finally through clarification and concentration processes. It is made chiefly in two grades —the technical grade, which is essentially pure d-sorbitol, and the commercial grade, which contains appreciable amounts of other isomeric alcohols. These different products are obtained by reduction under changed conditions.

The acid-salt anolyte is removed from the diaphragm cells upon the completion of the eletrolytic stages of the process. It is regeneratively treated and brought to the required pH in admixture with a new batch for use in succeeding processes.

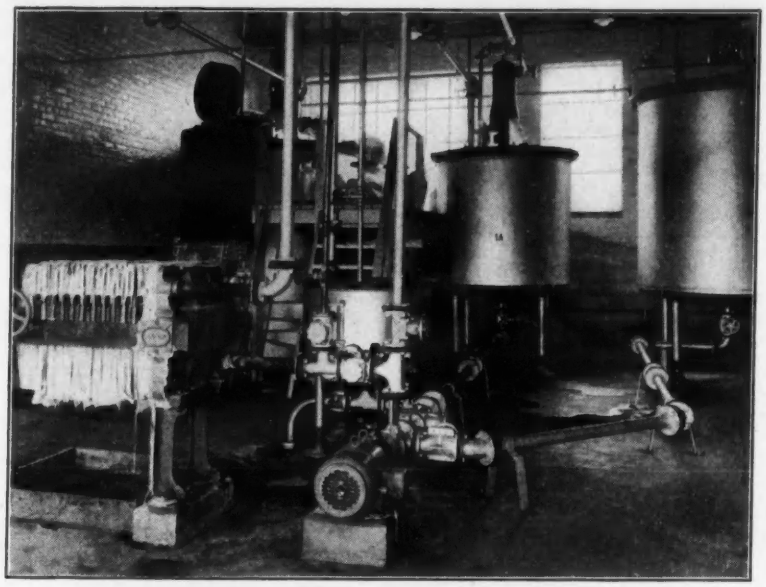
Selection of the site of the new industrial chemical plant of the Atlas Powder Company was influenced largely by the necessity of having a constant, abundant supply of water of a temperature sufficiently low for the efficient operation of the cooling system. The plant is directly supplied with water from two wells drilled to a depth of something less than 200 feet on the company's land near the buildings. As a reserve there is a 75,000-gallon tank raised on a steel structure about 200 feet.

All power for the plant is electric, supplied by the utility company operating in that territory. The plant equipment includes, in addition to the processing apparatus, a large oil-burning boiler installation for heating water required in certain stages of the operation, and a capacious still to supply the distilled water used as the solvent in the preparation of the cerelose solution and the anolyte and in the purification processes.

The plant is located on a railroad siding. There is a wharf for loading vessels nearby on the Delaware, and the company's land has water frontage where it may build its own loading facilities if found desirable.

For some three years the company has been operating a pilot plant in Stamford, Conn. In that plant have been developed the process and equipment which have brought to efficiency the electrolytic production of sorbitol and mannitol. The Stamford equipment will be transferred to the Atlas Point plant.

Broad industrial application of sorbitol as a humectant and conditioning agent has already been developed, and this field has a promising spaciousness that covers practically all ramifications of the chemical process industries. Sorbitol has great promise also in other fields, notable in the realm of special foods. Mannitol is an ancient article of commerce, and its industrial utilization has appealing possibilities. To the development of these the Atlas Powder Company is devoting extensive research. It is the belief of the management that there is room for much expansion in wholly new fields. Its experience so far offers good evidence of the soundness of this belief.



Solution Preparation Treating Room in Atlas Plant

Cooling System in Sorbitol-Mannitol Process

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperating branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Brushes, Tooth and Shaving:—Purchase and agency, Rio de Janeiro, Brazil (4239).

Chemicals, Industrial and Laboratory; Pharmaceuticals, Biologicals and Medicinals:—Agency, Bogota, Colombia (4261).

Paints, Lacquers and Varnishes:—Agency, Buenos Aires, Argentina (4264).

Petrolatum Oil, White, Petrolatum and Paraffin:—Purchase, Wilryck, Belgium (4223).

Pharmaceutical Specialties:—Agency, Cairo, Egypt (4242).

Polishes, Finger-Nail, Enamels and Other Manicure Products, High Grade:—Purchase, Rio de Janeiro, Brazil (4239).

Scientific and Medical Instruments and Laboratory Supplies:—Agency, Bogota, Colombia (4261).

Statement of the ownership, management, circulation, etc., required by the acts of Congress of August 24, 1912, and March 3, 1933, of Oil, Paint and Drug Reporter, published weekly at New York, N. Y., for October 1, 1937.

State of New York, County of New York: Before me, a notary public in and for the State and county aforesaid, personally appeared Harry J. Schnell, who, having been duly sworn according to law, deposes and says that he is the business manager of the Oil, Paint and Drug Reporter, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the act of August 24, 1912, as amended by the act of March 3, 1933, embodied in section 537, Postal Laws and Regulations, to wit:—That the names and addresses of the publisher, editor, managing editor, and business manager are:—Publisher, Oil, Paint and Drug Publishing Company, Inc., 12 Gold street, New York; editor, Harry J. Schnell, 12 Gold street, New York; managing editor, Hugh Craig, 12 Gold street, New York; business manager, Harry J. Schnell, 12 Gold street, New York. That the owner is Oil, Paint and Drug Publishing Co., Englewood, N. J. Stockholders holding 1 percent or more, Estate of Wm. O. Allison, deceased, Englewood, N. J.; Estate of John L. Riker, deceased, New York, N. Y. That the known bondholders, mortgagees and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities are:—Not any. That the two paragraphs next above, giving the names of the owners, stockholders and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company, but also in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association or corporation has any interest, direct or indirect, in the said stock, bonds or other securities than as so stated by him.

(Signed) Harry J. Schnell, Business Manager.
Sworn to and subscribed before me this 27th day of September, 1937.
(Signed) Charles J. Schiffres, Notary Public.
[My commission expires March 30, 1939.]

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

FIRM with headquarters in Cincinnati and covering Louisville, Dayton and Columbus, would be interested in representing producers of pigments, oils, chemicals or other materials. BOX 449, Oil, Paint and Drug Reporter.

Equipment Offered

FROM THE $10,000,000 Spreckles liquidation—Three No. 4 Vallez rotary filters; 42-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycles, 220 volts; 150 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant. Consolidated Products-Spreckles Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

FOR SALE—Eighty-five (85) portable cooling units used to pre-cool passenger cars at stations. Each set consists of ice box mounted on 4 wheel truck and is equipped with suitable motor driven blower, suction and delivery hose. For details and plans apply to E. J. Lamneck, Purchasing Agent, Pennsylvania R. R., Broad street station, Philadelphia, Pa.

PEBBLE MILLS, jar mills, hammer mills, three-foot Hardinge ball mill, rebuilt, guaranteed 11-shelf vacuum dryer, 20-gallon autoclave. Lawler Engineering Company, Durham avenue and L. V. R. R., Metuchen, N. J.

FOR SALE — One 50-gallon Day liquid mixer, four water jacketed iron mills, battery of four 100-gallon liquid mixers, one gum grinder, one eight-gallon Pony mixer, one automatic paint filler. All in good condition. Reason for selling, replaced with larger equipment. Paint Manufacturer, BOX 456, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—Two copper stills with condensers (one for vacuum with vacuum pump), one sulphonator, one fusing kettle, also suitable equipment for chlorinating hydrocarbons, one air-compressor with tank, one platform scale and div. other scales. Must be in A-1 condition. Send particulars and price to BOX 452, Oil, Paint and Drug Reporter.

WANTED—Stokes B rotary machines (2) also 30 to 40 gallon bronze double arm mixer. State condition and price. BOX 461, Oil, Paint and Drug Reporter.

EQUIPMENT WANTED — Stokes rotary tablet machines B and D. State full particulars. BOX 462, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY — Two-story, 50x100, concrete floor, freight elevator, high pressure boiler, enclosed yard. Unrestricted district Brooklyn. Low rent. The R. L. Kraft Company, Woolworth Building. COrt. 7-9377.

Manufacturing Wanted

WE HAVE a small, well equipped chemical plant, ample capital, good sales organization. What proven products or process have you to fit into this set-up? First letter must have sufficient details to merit further consideration. BOX 453, Oil, Paint and Drug Reporter.

Materials Offered

FOR SALE—Thirty drums of guaranteed pure chinawood oil at 28c. per lb., or best offer above. BOX 447, Oil, Paint and Drug Reporter.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

New Products Wanted

LARGE COMPANY, actively engaged in the manufacture and sale of basic drug, pharmaceutical, biological, medicinal, chemical, and associated products, desires to obtain manufacturing and sales rights for new products. Prefers products which can be sold in bulk and in large quantities. BOX 441, Oil, Paint and Drug Reporter.

Partnership Wanted

ACTIVE PARTNERSHIP with capital investment desired in medium-sized but progressive manufacturing business of chemical products for industrial consumption. Interested only when manufactured products to be sold to various industries, such as textile, leather, rubber, soap, varnish, chemical factories, etc. First reply to state all details as to products, customers, turnover, etc., in last three years. BOX 454, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST WANTED with good educational background and five to ten years' experience formulating, testing, and otherwise handling paints, varnishes, and enamels. Salary commensurate with experience. Please give full details with references first reply. All replies confidential. Stamford Laboratories, American Cyanamid Company, Stamford, Conn.

WANTED—VARNISH and lacquer chemist —Experience latest synthetics. Give us full particulars in first letter, also stating previous employment and salary expected. BOX 448, Oil, Paint and Drug Reporter.

WANTED—Intelligent young man with import, jobber experience, able to work independently, knowing buying and selling possibilities in gums (tragacanth, arabic, karaya, locust, copal, etc.), waxes (bees, carnauba, etc.), and similar raw products being used in the various industries. Write full details regarding former employment, articles and markets handled, salary. BOX 455, Oil, Paint and Drug Reporter.

WELL-KNOWN EARTH color house has opening for salesman to cover metropolitan area and south. Man with technical training preferred but non-technical man given consideration if has other necessary qualifications. Applications confidential and should give complete details of background, compensation expected, etc. BOX 460, Oil, Paint and Drug Reporter.

Positions Wanted

SALESMAN—Young man, college educated, 10 years' selling experience in paint, varnish road sales and retail management, desires position either road or retail. Good health and personality; can produce results. Proposition must be good and company financially sound. BOX 436, Oil, Paint and Drug Reporter.

PAINT and VARNISH chemist, three years' expreience as formulator and production chemist; experienced in house paints, industrials, specification paints, specialty finishes, synthetic enamels and varnishes. Will work in metropolitan area. BOX 451, Oil, Paint and Drug Reporter.

TABLET MAKER, 18 years' experience in manufacturing pharmaceutical tablets, granulating, compressing and coating for some of the leading tablet houses in the business. Capable of taking full charge of production. BOX 450, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER with experience in paints, dyes, intermediates and soaps. BOX 457, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST, experienced in assay of crude drugs, gums, spices and pharmaceuticals. BOX 458, Oil, Paint and Drug Reporter.

MANUFACTURING CHEMIST, experienced in analytical, pharmaceutical and control work; also dyes and color control. BOX 459, Oil, Paint and Drug Reporter.

VARNISH MAKER superintendent desires connection with reputable manufacturer, preferably in Kentucky, Indiana or southern Ohio area. Capable of taking complete charge of varnish manufacturing. Fully acquainted from years of experience in making architectural, industrial and furniture finishes. Apply Opportunity, BOX 463, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST, 4½ years of diversified experience, laboratory, plant and new product development. Excellent references supplied; age 25, married. Will locate anywhere. BOX 464, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 233 Fourth avenue, New York, STuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1,000 gals., some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ½" to 2" dia.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
3—Buffalo 32"x90" Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.
8—Copper and Aluminum Jacketed Kettles, 175 to 400 gals.
9—Roller Mills 3x10 up to 16x40.

Miscellaneous: Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

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Paint Queries to Be Discussed by F. P. V. C.

(Continued from page 5)

tained. It would, however, be an advantage if it were possible to obtain such films with the unkettled oil, the advantage being purely economical.)

32. What is the relationship between the dispersion obtained on a five-roller mill and a steel-ball mill, with difficult wet pigments, such as iron oxides and chrome greens? Can equal dispersion be obtained with the two types of equipment? What time would be required for a ball mill to give the same dispersion as a five-roller mill? (The author of this question has in mind the production in large quantities of, say, automobile marker enamels.)

33. Can something be done to have a greater number of papers presented before the local clubs included in the Official Digest? (Making a survey of the number of papers published in the Official Digest in the last few years, we find the following interesting figures:—

	1936-7.	1935-6.	1934-5.	1933-4.
Papers in full.....	22	44	41	28
Papers in abstract form	4	2	8	4

From these figures it can readily be seen that the number of papers published this last year is far below the average. Another thing which the author of this question disagrees with, is the publication of an abstract of a paper rather than the full paper. This, however, has not been as serious during the past year as in some years. This whole subject was brought up by the publication of Dr. Browne's paper, "Proposed System for Classifying House Paints," in Industrial and Engineering Chemistry, after being presented before the New York club, instead of the Official Digest.)

34. What is the most effective mechanical method for making cold cuts of East India or Batu gum, and what are the best solvent mixtures to use?

35. Are colloid mills being successfully used in the industry, and if so, on what types of products?

36. What factors determine whether a flat wall paint will dry with less or with more opacity than when wet? (In checking flat wall paints on the wet hiding power method specified in Federal Specification TTP-51a, we found that in certain cases the paints dry with very much less opacity than when wet. In some cases there are no changes and in others there is increased opacity. For this reason, we do not think that this method is suitable for determination of hiding power of a flat, inasmuch as what the user wants to know is what the hiding power of the dry paint will be.)

37. What are the relative merits of titanium dioxide silicious pigments as compared with the barium-titanium pigments in exterior house paints?

38. What is the best method of filling out paste colors into cans?

39. What is the best method of arriving at varnish yields, taking into account the various loss factors of loss of solvent, loss in filtration and loss in storage?

40. What have been experiences with the use of flush colors?

41. What is the cost of making varnish with coal, gas, oil?

Coal .....$1.55 for 450 gals. or .003c. per gal.
Gas..... .075c. per gal.

42. Is there a difference between the characteristics of a varnish made with limed resin, chinawood and linseed oil?

1. Wood oil and linseed bodied in the presence of limed resin.
2. Wood oil and resin and linseed bodied and lime added toward top heat.
3. Oils bodied first and limed resin added.

We have found that surfex works with No. 2 and No. 3. What is its behavior with other pigments?

43. What is the percentage of waste on different size batchgrinds—1-gallon size; 5-gallon; 10-gallon; 30-gallon; 50-gallon; 100-gallon; etc.?

44. What is comparative output and cost on different mills—pebble mills; five-roller; three-roller; stone; Banbury; master mills; new mill; McGreggor mill; colloidal mill?

45. What is comparative value of low and high-absorption pigments, after material is applied to a surface?

46. Information on most practical method to conserve wood oil, either by substitute or manipulation.

47. What type of aluminum vehicle is best to retain leafing properties?

48. Any data on gloss comparison of a calcium base titanox enamel when ground in a Bramley mill and a roller mill.

49. Comparison of value of dehydrated castor oil when used as a substitute for chinawood oil.

49. What is the most efficient type mill for grinding "colors in linseed oil"?

50. What is the more productive method of grinding (flat whites and house paints only) pebble mills or five-roll mills?

51. Is solvent recovery in the varnish industry of any momentary value?

52. Has the bodying of oils under CO_2 been carried far enough to state definitely that it is of value, both from a cost and quality standpoint?

53. With the new high-speed roller mills, does the quality of the grind decrease with greater speed of the rolls and improve with decrease in surface speed of the rolls?

54. Which type mill, within the past two years, has become most popular for grinding enamels (Hyspeed roller mills or pebble mills)?

55. Has the filter press improved any extent the centrifuge for varnish clarifying?

56. How can you successfully clean a five-roller mill?

57. In actual operation what is the comparison of production and cost between a three-roller mill and a five-roller mill?

58. To what extent can other oils be substituted for chinawood oil in general line varnishes?

59. What colors can successfully be ground in a steel-ball mill?

60. What is the most successful arrangement for straining ordinary exterior house paints?

61. Method for storage of quick-drying varnishes?

62. Which is cheaper—to label cans before filling or after, and what is the comparison in cost between hand-filling and machine-filling?

63. Is it possible to set up a cost system for a small plant, manufacturing a full line, based on a set cost per gallon or must the cost be figured separately on each item manufactured and will the system be too complicated for a small plant?

Percy H. Walker, of the National Bureau of Standards, and recently in charge of the work on the proposed revisions of the Federal specifications TT-R-191 for red lead, has retired from his government connection and become associated with the John T. Lewis & Bros. Company.

Index to Advertisements

Advance Solvents & Chemical Corp... 66
Alexander, Jerome... 42
Amecco Chemicals, Inc... —
American Agricultural Chemical Co... —
American-British Chemical Supplies, Inc... 33
American Can Co... —
American Chlorophyll, Inc... 44
American Cyanamid & Chemical Corp. —
American Flange & Mfg. Co... —
American Potash & Chemical Corp... —
Anaconda... —
Anderson-Prichard Oil Corp... —
Ansbacher-Siegel Corp... —
Apex Chemical Co., Inc... —
Associated Chemical Eng. Corp... 62
Atlantic Refining Co... 65
Atlas Powder Co... 47

Baker, J. T., Chemical Co... —
Barium Reduction Corp... 1
Barrett Company... 57
Benckiser, Joh. A... —
Benzol Products Co... —
Binney & Smith Co... 40
Bopf-Whittam Corp... 54
Bradley, A. J., Mfg. Co... 39
Brill Equipment Corp... —
Brode Corp., The... 43
Bureau of Chemistry... 42
Bush, W. J., & Co., Inc... 53

Calco Chemical Co... —
California Fruit Growers Exchange... 20
Campbell, Harry T., Sons', Co... 41
Carbide & Carbon Chemicals Corp... —
Carey, The Philip, Co... 48
Carpinello, Michael J., Inc... 42
Chemical Solvents, C. P., Inc... 66
Chew, John A., Inc... 2
Chilean Nitrate Sales Corp... —
Church & Dwight Co... 29
Cliffs-Dow Chemical Co... 1
Colledge, E. W., General Sales Agent, Inc... 41
Colloid Chemical Laboratories... —
Colton, Arthur, Co... 41
Columbia Alkali Corp... —
Columbian Carbon Co... 40
Commercial Solvents Corp... 49
Conewango Refining Co... 66
Consolidated Products Co., Inc... 64
Continental Can Co... 14
Continental Carbon Co... 34, 35
Cooper, Chas., & Co... 39
Cooper, T. G., & Co., Inc... —
Crown Can Co... 9

Darling & Co... —
Deep Rock Oil Corp... —
Delta Chemical & Iron Co... 66
Dewey & Almy Chemical Co... 39
Diamond Alkali Co... 31
Dodge & Olcott Co... 53
Doggett, Stanley, Inc... —
Dow Chemical Co... —
Draper Mfg. Co... —
Drury, A. C., & Co., Inc... 36
Dunkel, Paul A., & Co., Inc... —
Du Pont de Nemours, E. I., & Co... —

Eagle-Picher Lead Co... 16
Eastman Kodak Co... 48
Ehrmann, Strauss Co., Inc... 48
Electro-Bleaching Gas Co... —
Emery Industries, Inc... 43
Eureka Machine Co... —
Exposition of Chemical Industries, 16th —

Falk & Co... —
Felton Chemical Co... —
Fezandie & Sperrle... —
Filtrol Corp... —
First Machinery Corp... —
Fluorine Products... —
Food Research Laboratories, Inc... 42
Frank Vliet Co... 51
Franks Chemical Products Co... 39
Fritzsche Bros., Inc... 54, 55

General American Tank & Storage Terminal... —
General Chemical Co... —
General Dyestuffs Corp... 36
General Electric Co... —
General Plastics Inc... —
Givaudan-Delawanna, Inc... —
Glyco Products Co., Inc... —
Gray, William S., & Co... 1
Gray Industrial Laboratories... 42
Greeff, R. W., & Co., Inc... 1
Gross, A., & Co... 43
Gruman, J. B., Co... 59

Harshaw Chemical Co... 37
Heekin Can Co... —
Hercules Powder Co... —
Heyden Chemical Corp... 47
Hinde & Dauch Paper Co... 15
Hochstadter Laboratories... 42
Holt, C. J., & Co., Inc... 42
Hoover, Geo. W... 42
Hopkins, J. L., & Co... 51
Horn, Jefferys & Co... —
Houston Pipe Line Co... 24
Huber, F., Inc... 51
Huisking, Chas. L., & Co., Inc... —
Hutchinson, D. W., & Co., Inc... 53

Imperial Oil & Gas Products Corp... —
Imperial Paper & Color Corp... 39
Independent Mfg. Co... 44
Innis, Speiden & Co... 52
International Pulp Co... 41
Irvington Smelting & Refining Works.. 29

Jackson, L. N., Co., Inc... 44
Jones & Laughlin Steel Corp... 32
Jungmann & Co., Inc... —

Kentucky Color & Chemical Co... 41
Knight, B. H... 42
Koppers Co... 33
Koster Keunen... 45
Krebs Pigment & Color Corp... 19

Laning, E. M., Co., Inc... 42
LaWall & Harrisson... 42
Lewis, John D., Inc... 39
Leuders, Geo., & Co... —

Magnetic Pigment Co... 40
Magnus, Mabee & Reynard, Inc... 53
Mallinckrodt Chemical Works... 6
Malmstrom, N. I., & Co... 44
Martin, The L., Co... —
Mathieson Alkali Works, Inc... —
McCormick & Co., Inc... 51
McKesson & Robbins, Inc... —
Mechling Bros., Chemical Co... —
Menhaden Fish Products Co... 43
Merck & Co... 12
Metasap Chemical Co... —
Miel, George A... 42
Minnesota Specialty Co... —
Molnar Laboratories... 42
Monsanto Chemical Co... 46
Murray & Nickell Mfg. Co... 51
Murray Oil Products Co... —
Mutual Chemical Co. of America... 36

National Aniline & Chemical Co., Inc.. —
National Lead Co... 38
National Milk Sugar Co., Inc... 48
National Rosin Oil & Size Co... —
Neuberg, William, Inc... 48
Neville Co... —
New Jersey Zinc Co... —
N. Y. Quinine & Chemical Works, Inc.. —
Niacet Chemicals Corp... 36
Niagara Alkali Co... —
Nichols Copper Co... —
N. V. Potash Export My, Inc... —

Oldbury Electro-Chemical Co... 30
Orbis Products Corp... 54
Orthmann Laboratories, Inc... 42
Osborn, C. J., Co... 37

Pacific Coast Borax Co... 1
Pacific Vegetable Oil Corp... 37
Parsons, M. W... 48
Pease Laboratories, Inc... 42
Penick, S. B., & Co... 50
Pennsylvania Coal Products Co... —
Pennsylvania Refining Co... —
Pennsylvania Salt Mfg. Co... 11
Pfaltz & Bauer, Inc... 29
Pfizer, Chas., & Co., Inc... 27
Polachek, Z. H... 42
Potash Co. of America... —
Pressed Steel Tank Co... 32
Procter & Gamble... 43, 48
Publicker Commercial Alcohol Co... 1
Purdy, W. S., Co., Inc... 42
Pure Calcium Products Division... 1

Reilly Tar & Chemical Corp... —
Revson, R. F., Co... —
Rosenthal, H. H., Co., Inc... 66
Ryland, H. C., Inc... 53

Sadtler, Samuel P., & Sons, Inc... 42
St. Joseph Lead Co... —
Schimmel & Co., Inc... 53
Schofield, Donald Co., Inc... 48
Schwabacher, S., & Co., Inc... 29
Schwarz Laboratories, Inc... 42
Scientific Filter Co... —
Seil, Putt & Rusby, Inc... 42
Sharples Solvents Corp... 8
Sherka Chemical Co., Inc... —
Sherwood Petroleum Co., Inc... 51
Sievers, Cuno, Inc... 29
Silzle, Earl, Co... 53
Skelly Oil Co... —
Smith, Kline & French Laboratories... 48
Snell, Foster D., Inc... 42
Solvay Sales Corp... —
Sonneborn, L., Sons, Inc... 66
Southwark Mfg. Co... —
Standard Ultramarine Co... 41
Stauffer Chemical Co... 29
Stillwell & Gladding... 42
Stroock & Wittenberg Corp... —
Sun Oil Co... —

Taintor Trading Co... —
Tamms Silica Co... —
Tar & Chemical Division of Koppers Co. 33
Tennessee Corp... —
Texas Gulf Sulphur Co., Inc... 57
Thornton, The F. C., Co., Inc... —
Thurston & Braidich... 51
Titanium Pigment Corp... —
Todd, A. M., Co... —
Turner, Joseph, & Co... 29

Union Carbide & Carbon Corp... —
United Clay Mines Corp... 41
U. S. Industrial Alcohol Co... 17, 18
U. S. Industrial Chemical Co... 17, 18
U. S. Phosphoric Products Corp... —
United States Potash Co... —

Vanderbilt, R. T., Co., Inc... 37
Victor Chemical Works... 30
Viking Distributing Co... 54
Vitab Products, Inc... —
Vol-U-Meter Co., Inc... —
Vorce, L. D... 42

Wecoline Products, Inc... 44
Weiss & Downs, Inc... 42
Werk, The M., Co... 43
White Tar Co. of N. J., Inc... 33
Wiley & Co., Inc... 42
Will & Baumer Candle Co... 45
Williams, C. K., & Co... 41
Wishnick-Tumpeer, Inc... 10
Woburn Degreasing Co. of N. J... 43
Wolf, Jacques, & Co... —
Wood Preserving Corp... 33

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